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OVER 30 YEARS OF SUCCESSFUL BUSINESS

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# MICHELL'S

## WHOLESALE PRICE LIST OF *SEEDS,*

SPRING 1922

For Florists and Market Gardeners. BULBS, PLANTS, Etc.



ASTER—MICHELL'S IMPROVED SEMPLE'S BRANCHING

### Michell's Improved Semple's Branching Aster

The finest type of Double Branching Aster; far superior in every way to the old strain of Semple's.

Separate colors, 30c per trade packet; per oz. \$1.50; \$5.50 per  $\frac{1}{4}$  lb.

Mixed colors, 30c per trade packet; per oz. \$1.25; \$4.50 per  $\frac{1}{4}$  lb.

TELEPHONES



BELL  
and  
KEYSTONE

## HENRY F. MICHELL CO.

518-516 MARKET STREET

PHILADELPHIA, PA.

HENRY F. MICHELL, President  
FRED'K J. MICHELL, Vice-Pres.

Warehouses: { 509-511-513 Ludlow St.  
American and Dauphin Sts.

*Nurseries and Plant Houses, Andalusia, Pa.*



## ANNOUNCEMENT

As the illustration shows we have acquired the premises 516 Market Street which extends through to Ludlow Street adjoining our original property in the rear; giving us an additional 20,700 square feet of floor space in this four story and basement building, 23 feet wide and 180 feet deep.

At American and Dauphin Streets, Philadelphia, we have acquired, through purchase, a modern warehouse, 68 ft. x 130 ft. four stories high; this building is equipped with a railroad siding accommodating 2 cars which extends into the premises allowing us to load and unload under cover; at this point will be received and shipped the bulky items in our business, which materially improves our facilities for shipping by freight.

## NOTICE TO CUSTOMERS OUTSIDE OF THE UNITED STATES

In remitting for purchases at the time of ordering, or when paying accounts, by reason of the Exchange we ask that you please send P. O. Money order in U. S. Funds or a check or draft on a New York or Philadelphia Bank in par U. S. Funds.

## PLEASE NOTE WHEN DESIRING TO OPEN AN ACCOUNT

When sending your first charge order, refer preferably to someone in either your own or our line of business with who you have a charge account. This frequently saves delays.

## DISCOUNTS

On bills for Flower, Vegetable Seeds and Bulbs, a discount of 2 per cent. for payment 10 days from date of bill may be deducted; if cash accompanies the order, 3 per cent. may be deducted on such items. All other goods are strictly net, as are also bills for goods supplied under special quotations unless otherwise agreed upon.

We cannot make shipments of Plants or Cold Storage Bulbs C. O. D., and shipments of goods C. O. D. outside of our automobile delivery limits can only be made that way provided a partial remittance is sent with the order to guarantee that the goods will be accepted on arrival.

**IMPORTANT NOTICE**—All shipments of plants, perishable stock and cold storage bulbs are made at buyers' risk only.

If such shipments arrive in bad condition, accept them and receipt for them accordingly, and make claim for your loss on the transportation company. We, of course, will hold ourselves ready to assist you in any possible way. It has been found that claims can be collected more readily by the person receiving the goods than by the shipper.

Our custom to guarantee the **actual arrival** of goods, except at points where there is no freight or express agent, will still be continued, and claims for loss or **non-arrival** of merchandise **not perishable** will, as in the past, be cared for by us, so you run no risk of having to make claims for lost goods.

## CONDITIONS OF SALES

All contracts, sales and acknowledgments of orders are contingent upon crop failures, partial deliveries by growers or manufacturers, strikes, or other unavoidable causes beyond our control; also unsatisfactory credit standing. All quotations are subject to market changes and goods being unsold on receipt of order. Henry F. Michell Co. give no warranty, expressed or implied, as to the description, purity or productiveness of any seeds, plants or bulbs they send out, and they cannot be in any way responsible for the crop. If the customer does not accept the goods on these terms, they can be returned at once and no sale has been made.



HENRY F. MICHELL { PRESIDENT  
SECRETARY

**HENRY F. MICHELL CO.**

FRED'K J. MICHELL { VICE PRESIDENT  
TREASURER

**SEEDS** BULBS, PLANTS, GARDEN SUPPLIES, FERTILIZERS  
INSECT DESTROYERS, POULTRY SUPPLIES, ETC.

WAREHOUSES { 509-11-13 LUDLOW ST.  
AMERICAN AND DAUPHIN STS.

**518-516 MARKET ST., PHILA.**

NURSERIES AND PLANT HOUSES, ANDALUSIA, PA.

BELL AND KEYSTONE  
TELEPHONES



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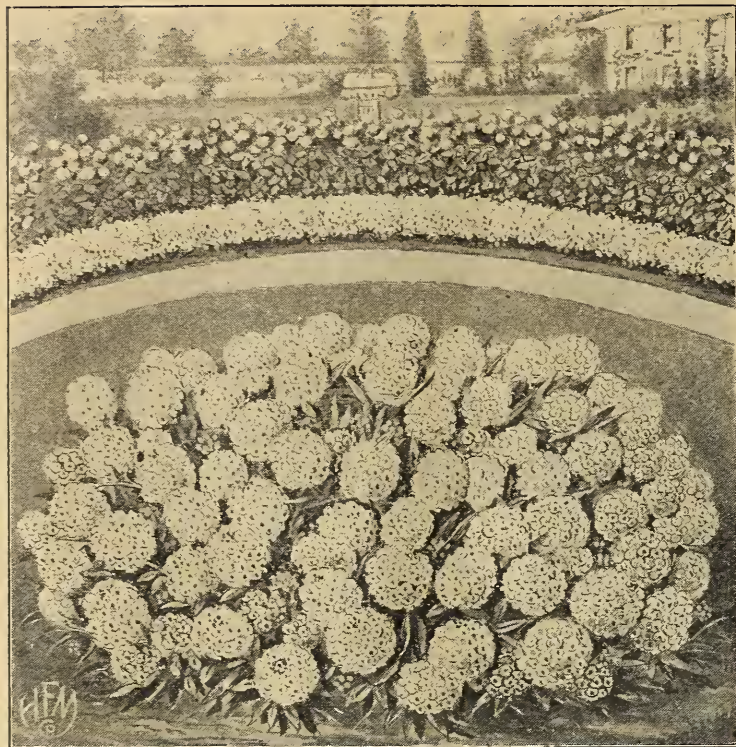
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# MICHELL'S NOVELTIES AND SPECIALTIES IN FLOWER SEEDS FOR 1922

FOR GENERAL LIST OF FLOWER SEEDS SEE PAGES 6 TO 27



*Alyssum, Michell's Bouquet*

## ALYSSUM, MICHELL'S BOUQUET

This new variety is of exceedingly dwarf and compact growth, very free flowering, plants forming a perfect bouquet of miniature white flowers. A perfect gem for edging. The plants commence to bloom when quite small and continue until frost. Our stock is grown by a special grower and is extra fine.

Per trade pkt., 40c.; \$2.00 per oz.



*Pink Superb Aster*

## GIANT SNAPDRAGON (*Antirrhinum*) ROSE KING

In this novelty we have a new and distinct shade in the tall, large flowered class of Snapdragons. The plants throw up long spikes, bearing immense flowers of a brilliant carmine rose, deepening towards the centre. Per pkt., 30c.; 80c. per 3 pkts.

## GIANT SNAPDRAGON (*Antirrhinum*) MICHELL'S SALMON PINK

An excellent strain of this popular florists flower; the plants grow to a height of 2 to 3 feet and produce extra long spikes of large flowers; color, delicate salmon pink. Per trade pkt., 40c.; \$2.00 per oz.



*Aster, Pacific Beauty*

## ASTER, PACIFIC BEAUTY

A new variety of the Giant Comet type; the petals are wide and long and so gracefully curled as to give it an unusually attractive appearance. The plants are of vigorous growth, bearing a profusion of immense flowers, often measuring five to six inches in diameter. Color, a beautiful shade of rich lavender. Blooms from mid-season to late. Per trade pkt., 50c.; \$4.00 per oz.

## ASTER, MICHELL'S PINK SUPERB

The flowers are of immense size, petals long and broad, those in the centre being curled and incurved to such an extent that the crown is completely covered. Color, beautiful shell pink; flowers are borne on long stems, making it a valuable sort for cutting. Per trade pkt., 50c.; \$2.50 per oz.

## ASTER, PEERLESS YELLOW

Plants are of branching habit and very vigorous; the flowers are large, full and ball-shaped, with centers deeply covered with curled and twisted florets. Color, a delicate hue of pure sulphur yellow. Per pkt., 25c.; 70c. per 3 pkts.

Yorktown Heights, N. Y.

Michell's Pink Superb Aster is in all respects a valuable acquisition. The plants are extra strong growers, and the beautiful pink flowers are of extraordinary size. It gives me pleasure to testify to the merits of this Aster.

Yours truly, W. E. V.





*Aster, Heart of France*

## ASTER, HEART OF FRANCE

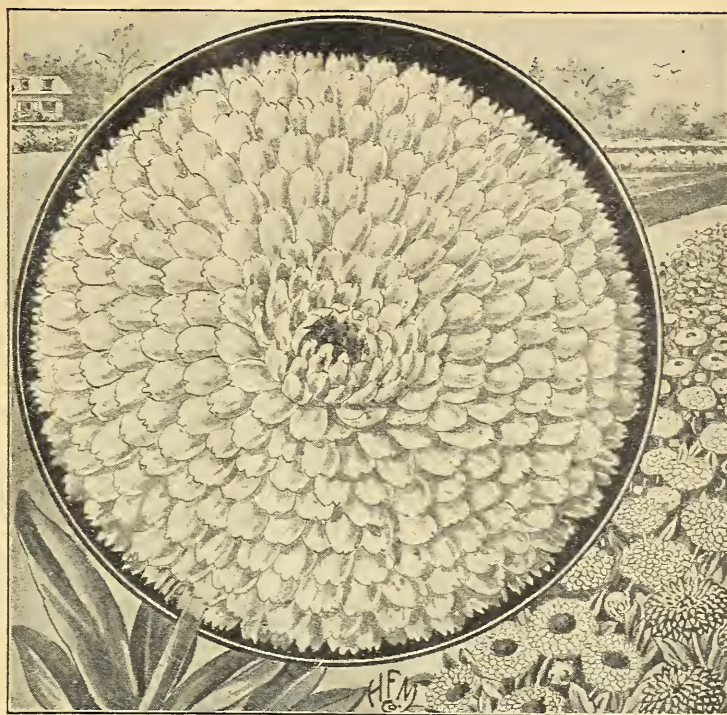
A new variety, description of which we quote from the introducers: "The best pure red Aster ever introduced. Heart of France opens red as the ruby, deepens with age and retains its remarkable beauty to the very end. The petals appear strikingly changeable, showing a glow and sheen quite unique. The flowers are large and full with no trace of a hollow center; the plants are of branching type and very robust; stems long and strong. Per trade pkt., 40c.; \$3.00 per oz."

## BLUE LACE FLOWER (*Didiscus Coeruleus*)

A beautiful annual, blooming from July until frost; excellent for cutting; large, finely laced flowers of a lovely pale lavender color. Per trade pkt., 40c.; \$2.00 per oz.



*Cosmos, Double Extra Early*



*Calendula, Michell's Special Forcing*

## CALENDULA

### MICHELL'S SPECIAL FORCING

We have an extra fine strain of this popular flower grown for us by a very careful grower, seed being saved from plants producing large, perfectly double flowers; excellent as a pot plant or for bedding, as well as for cutting. Color, rich orange yellow. Per trade pkt., 50c.; \$2.00 per oz.; 1/4 lb., \$7.00.

## CALIFORNIA POPPY (*Eschscholtzia*) MAUVE BEAUTY

A new and attractive variety of this popular garden annual, producing large flowers of a beautiful lavender mauve color. Per trade pkt., 40c.; \$2.00 per oz.

## CELOSIA PLUMOSA "Pride of Castle Gould"

A distinct type of Celosia Plumosa and of great value, both as a pot plant and for bedding. Plants are of pyramidal growth, about 2 to 3 feet high; immense flower heads, closely resembling ostrich plumes; colors are blood red, carmine, yellow, orange, golden, orange scarlet, etc., in mixture. Per trade pkt., 50c.; \$5.00 per oz.

## CHRYSANTHEMUM, New Early Flowering Double and Semi-Double

A new class of perennial Chrysanthemums attracting extraordinary attention on account of its wonderfully showy effect. Sown in the greenhouse or in frames in February and transplanted in May, it starts blooming early part of July and continues to be in full flower until frost. The flowers come in a variety of colors, and include exquisite shades of old rose, coppery red, dark brown, brown with gold edge, etc. Plants grow about one foot high and quite bushy. Equally valuable for pot plants or cut flowers. Per trade pkt., 60c.

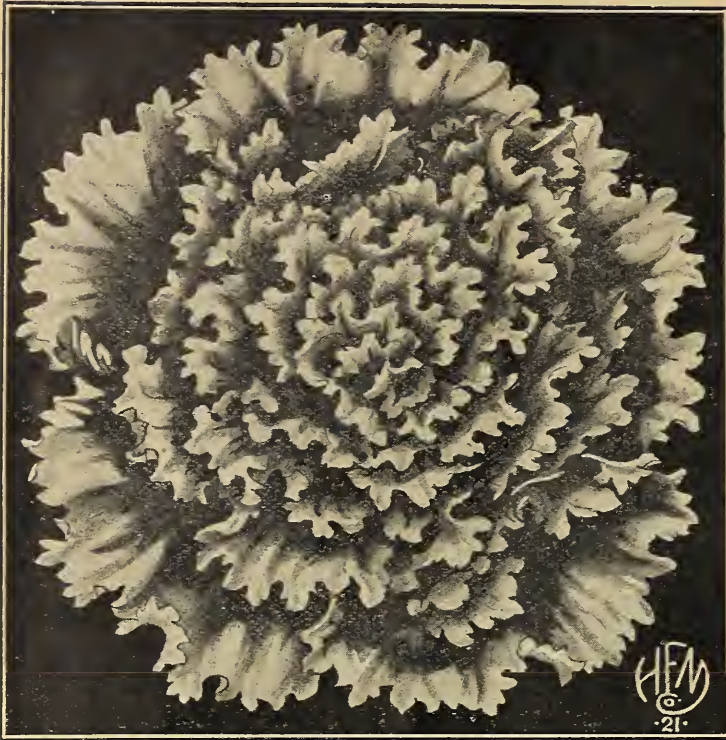
## NEW DOUBLE COSMOS Extra Early Flowering

The new double flowering strains of Cosmos are becoming very popular with the florists for cutting. This new variety will begin blooming in July and will continue until frost. We can offer seed in mixed colors only. Per trade pkt., 60c.

### Testimonial

Bloomington, Ind.  
Please find enclosed order for Flower and Vegetable Seeds,  
We had the finest Asters last year from your seed we have  
ever grown.  
F. L. M.

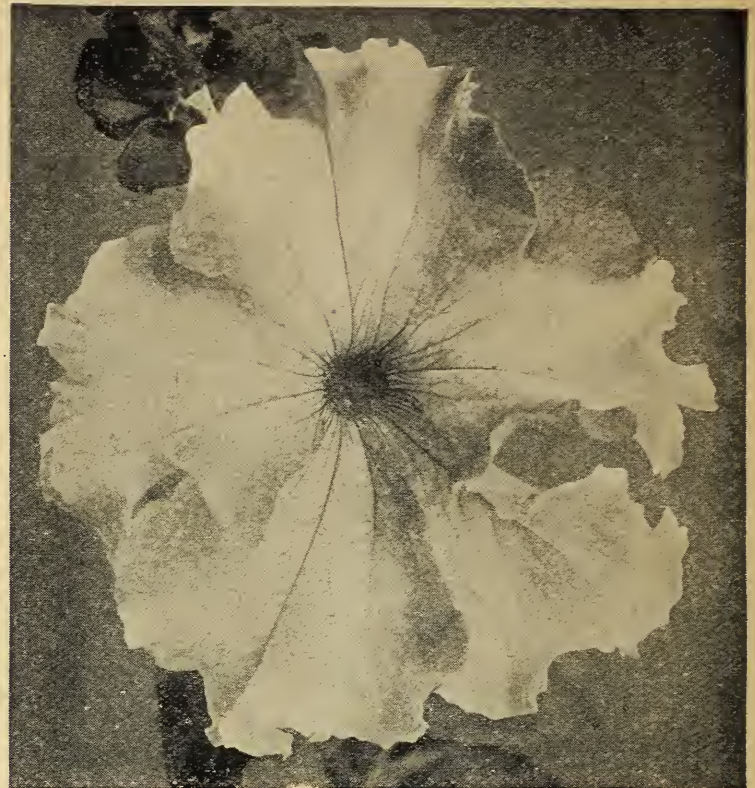
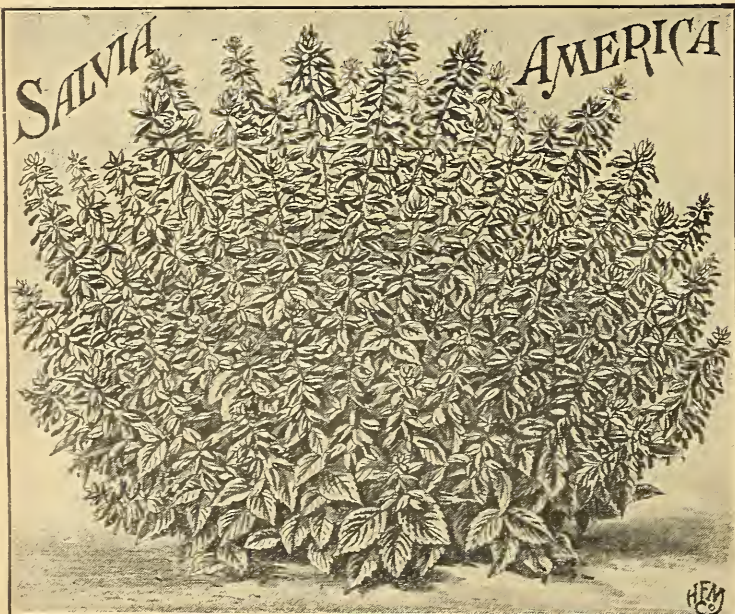


*Hollyhock, Exquisite***NEW DOUBLE HOLLYHOCK, EXQUISITE**

The flowers of this splendid new Hollyhock are very large, measuring 4 to 5½ inches across and possess the charming new feature that every petal, both of the circumference and centre is exquisitely curled and fringed to an extent that immediately arrests the eye. The flower is extremely double; each white margined petal has a large blotch; the range of color at present includes Rose, Light Rose, Carmine Rose, Violet and Dark Purple. We offer the seed in mixture only. Per pkt., 30c.; 80c. per 3 pkts.

**LOBELIA HYBRIDA, SAPPHIRE**

This new variety is of remarkably strong growth; excellent for the floral decoration of balconies and window fronts, for which trailing Lobelias are coming into demand. The flowers are unusually large for a Lobelia, measuring three-quarter inch across, and are thickly set on the long graceful sprays of foliage; color of flowers, intense deep blue with large, clearly defined white eye. A well-grown plant covered with these lovely blue oculate flowers makes a splendid sight. Per trade pkt., 40c.; 75c. per ⅓ oz.

*Portland Petunia***PORTLAND PETUNIAS**

This new strain of Petunias was grown for us by a Specialist, seed bearing plants being raised in balcony boxes and flowers artificially pollinated. For planting of veranda boxes and for choice potted plants or for bedding out, these Petunias in select colors, never fail to appeal to the most critical buyers. With these Petunias the choicest seedlings are generally the slowest to develop.

**Elks Pride.** Deep, royal purple flowers of large size; free grower. Per trade pkt. (about 1000 seeds), \$1.00.

**Irrington Beauty.** A free blooming dwarf type, with peach blossom colored flowers of good size; fringed edges and distinct white throat. Excellent for pots or bedding. Per trade pkt. (about 1000 seeds), \$1.00.

**Pride of Portland.** Large, deep rose pink fringed flowers, with whitish yellow throat; fine for pots or box planting. Per trade pkt. (about 1000 seeds), \$1.00.

**Scarlet Beauty.** A strong grower with medium sized fringed flowers; color, shading from cherry red to deep maroon towards the center. Per trade pkt. (about 500 seeds), \$1.00.

**White Beauty.** Fine pure white flowers in greatest profusion; good sized flowers with fringed edges. Excellent for veranda box planting. Per trade pkt. (about 1000 seeds), \$1.00.

**PRIMULA OBCONICA GIGANTEA  
MONSTER STRAIN**

An extra large flowering type of this popular Primula. Seeds grown for us by a Specialist. Trade Pkt.

Apple Blossom.	Soft pink.....	\$1.00
Kermesina.	Deep crimson.....	1.00
Plathii.	Brilliant deep rose.....	1.00
Rosea.	Pink.....	1.00

Trade packets contain about 500 seeds.

**NEW SALVIA (Scarlet Sage)  
AMERICA OR GLOBE OF FIRE**

A new variety of this popular flower; of dwarf, bushy, compact growth, and very uniform in height and shape. A free and continuous bloomer, and produces large spikes of brilliant scarlet flowers. We consider this variety an improvement over any other dwarf Salvia. Per trade pkt., 50c.; \$4.50 per oz.





*Statice Sinuata, True Blue*

## STATICE SINUATA, TRUE BLUE

A common objection to the popular blue annual *Statice* is the frequently undecided character of its tint, which tends to shade off into a pale lilac. This variety produces flowers of rich, navy blue, though somewhat less deep in tone; for garden decoration and as a cut flower for everlasting bouquets, this fine new strain will no doubt be in great demand. Pkt., 20c.; 50c. for 3 pkts.

## GIANT PICOTEE ZINNIA GOLDEN PHEASANT

A remarkable new and distinct class of Zinnias, producing extra large double flowers, measuring from 4 to 6 inches in diameter; color, gold ground, each petal tipped with maroon; desirable for bedding or cutting. Per trade pkt., 50c.; \$2.50 per oz.



*Verbena, Royal Bouquet*

## SCHIZANTHUS, GARAWAY'S HYBRIDS

A grand strain having graceful fern-like foliage and bearing a profusion of large flowers, all with handsome markings on a white, buff, rose, rich blue or purple ground. Per trade pkt., 50c.

## STOCK, MAMMOTH TEN WEEK SNOWDRIFT

Though belonging to the Nice or Mammoth class, this variety blooms much earlier than the other varieties, and while resembling them in habit and shape of spike, it is even more floriferous than the majority, producing many side stems, each thickly set with snowy white blossoms. Excellent for bedding or cutting. Per pkt., 40c.; 75c. per 2 pkts.

## ZINNIA, GIANT BUTTERCUP

A new and very attractive variety; a great improvement on any yellow variety of the Giant class; flowers extra large, perfectly double and of a rich, deep buttercup yellow. Per trade pkt., 30c.; \$1.50 per oz.



*Zinnia, Giant Dahlia Flowered*

## GIANT DAHLIA FLOWERED ZINNIA

The plants of this new race are very sturdy and produce an abundance of flowers with stout stems. The flowers of this new variety are distinct from the ordinary giant flowering class, being of a true Dahlia flowering type, and when cut and placed by Dahlias it is difficult to distinguish one from the other. The flowers often measure 4 inches in depth and 6 inches in diameter. The range of colors include many unusual shades. Mixed colors only. Per trade pkt., 40c.; \$2.00 per oz.; 1/4 lb., \$7.50.

## VERBENA HYBRIDA GRANDIFLORA ROYAL BOUQUET

This variety is a new development of the Verbena, growing in an upright form, about 15 to 18 inches high and about 10 inches across and no lateral branches being thrown out; the flower compares in size and variety of color with those of the finest strains of Auricula-eyed Verbena. The corymbs of blooms are borne on long stems and group themselves together at the summit of the plant. A suitable variety for growing in pots. From the seed now offered not less than 70% of plants true to type may be confidently expected. Per pkt., 30c.; 80c. per 3 pkts.

See pages 6 to 27 for General List of Flower Seeds.



# MICHELL'S DISTINCTIVE FLOWER SEEDS.



"Distinctive" Strains of Flower Seeds for the florist is one of the most important branches of our business; we constantly aim to secure for the florist only the most improved strains such as will give perfect satisfaction.

For full descriptions see our Retail Catalog, a copy of which will be mailed free upon application.

**NOTE.**—Half trade packets are only supplied where listed; where smaller quantities are wanted than that listed, retail packets may be ordered at a discount of 33 1-3 per cent. from our retail catalog prices.

On Flower Seeds quoted in this Catalog there is no extra charge for Parcel Post, excepting for Registry or Insurance.

## Fractions of ounces are supplied as follows:

Where price per oz. is	½ oz.	¼ oz.	Where price per oz. is	½ oz.	¼ oz.
\$0.10.....	—	—	\$0.65.....	\$0.35	\$0.20
.15.....	\$0.10	—	.75.....	.40	.25
.20.....	.10	—	1.00.....	.50	.30
.25.....	.15	\$0.10	1.25.....	.65	.35
.30.....	.15	.10	1.50.....	.75	.40
.35.....	.20	.10	1.75.....	.90	.50
.40.....	.20	.15	2.00.....	1.00	.60
.50.....	.25	.15	2.25.....	1.15	.60
.60.....	.30	.20	2.50.....	1.25	.65

## ABUTILON (Flowering Maple)

	Trade Pkt.	Oz.
Choicest Mixed.....	\$0.40	\$2.50

## ACHILLEA

Perennial, flowering continuously all summer.

Ptarmica, fl. pl. "The Pearl." Double white.....	.50	3.00
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## ACONITUM (Monk's Hood)

Napellus. Perennial; long spikes of blue flowers....	.25	1.75
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## ACROCLINIUM (Everlasting)

Excellent for cutting fresh, or for winter bouquets.

Double Rose Pink.....	.20	.50
" White.....	.20	.50
" Mixed.....	.15	.40

## AGROSTEMMA (Mullein Pink)

Coronaria. Hardy perennial; deep crimson flowers....	.15	.25
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## ALYSSUM

Lilac Queen. Dwarf and compact; flowers lilac....	.15	.50
Little Dorritt. Even more compact than Little Gem and desirable for a pot plant.....	.15	.60
Little Gem. Our strain of this popular sort is quite distinct, very dwarf, compact and absolutely true from seed..... (¼ lb., \$1.50)	.15	.45
Michell's Bouquet (New). Forms a perfect bouquet of miniature white flowers; a perfect gem for edging. For illustration and full description see page 2.	.40	2.00
Sweet (Alyssum Benthami). The well-known fragrant white..... (¼ lb., 75c.)	.15	.25
Saxatile Compactum. Perennial; golden yellow....	.20	.60

## AMARANTHUS

Caudatus (Love-Lies-Bleeding). Blood red leaves....	.15	.25
Sunrise. Foliage tipped carmine.....	.25	1.00
Tricolor Splendens (Joseph's Coat). Various colors.	.15	.50
Mixed.....	.15	.25



*Ageratum, Blue Perfection*

## AGERATUM (Floss Flower)

	Trade Pkt.	Oz.	¼ lb.
Blue Perfection. Best dark blue; height, 12 in..	\$0.15	\$0.60	\$2.25
Imperial Dwarf Blue. Height, 8 inches.....	.15	.40	1.40
Imperial Dwarf White. Height, 8 inches....	.15	.40	1.40
Imperial Dwarf Mixed.....	.15	.35	1.20
Little Blue Star. Dainty little plant; very dwarf	.40	3.00	

## AMPELOPSIS

Veitchi (Boston or Japanese Ivy).....	.15	.25	.75
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## ANCHUSA

Italica, "Dropmore Variety." Perennial branching plant; 4 ft.; light blue flowers.....	.25	1.00	
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## ANEMONE (Windflower)

Hardy perennial; excellent for cutting.

Coronaria. Mixed.....	.15	.60	
St. Brigid. Semi-double; various colors.....	.30	1.50	

## ANTHEMIS (Hardy Marguerite)

Tinctoria Kelwayi. Daisy-like, bright yellow flowers.....	.20	.60	
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*Giant Antirrhinum (Snapdragon)*

## ANTIRRHINUM (Snapdragon)

Used for cutting summer and winter; also useful for bedding.

	Trade Pkt.	Oz.
Michell's Giant Salmon Pink. Long spikes of flowers of a delicate salmon pink.....	\$0.40	\$2.00
Keystone. Large spikes; color, rose pink.....	1.00	
Silver Pink ( <i>Ramsburg</i> ).....	1.00	
Giant Canary Bird ( <i>New</i> ). Yellow, Pkt., 20c.		
" Garnet.....	.20	.75
" Pink.....	.20	.75
" Rose King. Carmine rose., Pkt., 30c.		
" Scarlet.....	.20	.75
" Snowflake. Pure white, Pkt., 20c.		
" Striped.....	.20	.75
" Venus. Shell-pink on white ground.....	.30	1.00
" White.....	.20	.75
" Yellow.....	.20	.75
" Mixed.....	.20	.60
Tall Mixed. Regular Strain, 2 feet.....	.15	.50

## ANTIRRHINUM (Semi-Dwarf)

These grow about 18 inches high.

Bride. Pure white.....	\$0.25	\$1.00
Daphne. Pink.....	.20	1.00
Defiance. Fiery scarlet.....	.20	1.00
Firebrand. Deep red.....	.20	1.00
Golden Queen. Yellow.....	.20	1.00
Mont Blanc. Pure white.....	.20	1.00
Nelrose. Pink.....	.40	1.50
Rose Queen. Rich rose.....	.20	1.00
Mixed.....	.20	.75
Tom Thumb Mixed. 12 inches.....	.20	1.00

## ARCTOTIS (African Daisy)

Grandis. Daisy-like flowers on long stems; color pure white on upper surface, reverse side of petals lilac-blue; splendid for cutting.....	\$0.15	\$0.50
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## ARTEMISIA

Sacrorum Viridis ( <i>Summer Fir</i> ). Pyramidal bushes, 3 to 5 feet high; may be grown in groups or borders; foliage fine and of a rich dark green.....	.20	.60
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ARUNDO. See Grasses, page 15.

## AQUILEGIA (Columbine)

These early flowering perennials are a valuable cut flower and the demand for the same is constantly on the increase.

	Trade Pkt.	Oz.
Californica Hybrida. Mixed colors.....	\$0.30	\$1.75
Chrysantha. Yellow.....	.40	2.00
Coerulea. Blue and white.....	.30	1.50
Long Spurred Hybrids. Mixed colors.....	.30	1.50
Rose Queen. Deep rose.....	.40	3.00
Double Mixed.....	.15	.50
Single Mixed.....	.15	.40

## ARABIS (Rock Cress)

Alpina. Perennial; dwarf edging plant; flowers pure white.....	.15	.40
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*Asparagus Plumosus Nanus*

## ASPARAGUS PLUMOSUS NANUS

We are Headquarters for the true Greenhouse Grown Strain

Our seeds are absolutely fresh and of high germination; our greatly increased sales each season prove beyond a doubt the superiority of our stock.

### Greenhouse Grown Seed

100 seeds.....	\$0.50	5,000 seeds.....	\$18.00
1,000 seeds.....	3.75	10,000 seeds.....	35.00

### Lathhouse Grown Seed

100 seeds.....	\$0.30	5,000 seeds.....	\$10.75
1,000 seeds.....	2.25	10,000 seeds.....	20.00

## ASPARAGUS SPRENGERI

100 seeds.....	\$0.20	5,000 seeds.....	\$3.00
1,000 seeds.....	.75	10,000 seeds.....	5.50

Larger quantities of Asparagus seed quoted on application.

## ASPERULA

	Trade Pkt.	Oz.
Odorata ( <i>Sweet Woodruff</i> ). Suitable for hardy borders; dwarf, white.....	\$0.25	\$1.00

## AURICULA (Primula Auricula)

Choice Mixed. Hardy perennial with flowers of many beautiful colors.....	.50	3.50
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AVENA. See Grasses, page 15.



# MICHELL'S SUPERB ASTERS



We wish to emphasize the fact that our Asters are grown for us by specialists, and nearly all varieties under our own supervision. Michell's "Distinctive" Quality is nowhere more prominent than with our Asters, and we can recommend them with the utmost confidence to produce the very best results.

## DAYBREAK ASTERS

This class forms strong plants of symmetrical growth; free flowering; fine for bedding, also for cutting.

	Trade Pkt.	Oz.
<b>Michell's Purity</b> (White Daybreak). Color, pure glistering white.....	\$0.40	\$2.50
<b>Pink Daybreak.</b> Delicate pink.....	.40	2.50
<b>Salmon Daybreak.</b> The color is novel and pleasing.....	.40	2.50

## GIANT COMET ASTERS

Long narrow petals which curve at the ends give this flower the appearance of a Japanese Chrysanthemum. Plants branch freely and produce their flowers on long stems.

	Trade Pkt.	Oz.		Trade Pkt.	Oz.
<b>Crimson</b> .....	\$0.30	\$1.50	<b>Peach Blossom</b> ..	\$0.30	\$1.50
<b>Dark Blue</b> .....	.30	1.50	<b>White</b> .....	.30	1.50
<b>Light Blue</b> .....	.30	1.50	<b>Choice Mixed</b> ....	.30	1.25

## INVINCIBLE ASTERS

A splendid Aster to fill in between the early sorts and the late ones. It is, so to say, a mid-summer Aster. Flowers are large, perfectly double and produced on long stems.

	Trade Pkt.	Oz.		Trade Pkt.	Oz.
<b>Blue</b> .....	\$0.30	\$1.50	<b>Rose Pink</b> .....	\$0.30	\$1.50
<b>Crimson</b> .....	.30	1.50	<b>White</b> .....	.30	1.50
<b>Lavender</b> .....	.30	1.50	<b>Mixed</b> .....	.30	1.25

## ASTER, HEART OF FRANCE

Flowers large and full to the centre; opens ruby red and deepens with age; plants are of branching type; flower stems long. Trade pkt, 40c.; \$3.00 per oz.

## ASTERMUM

A valuable variety of the Giant Comet type; plants grow straight up, with strong, sturdy stems starting near the base, and, owing to the symmetry of the plant, they may be set more closely than other varieties. Flowers large.

	Oz.	1/4lb.		Oz.	1/4lb.
<b>Lavender</b> .....	\$1.50	\$5.50	<b>White</b> .....	\$1.50	\$5.50
<b>Rose Pink</b> .....	1.50	5.50	<b>Mixed</b> .....	1.50	5.50
<b>Shell Pink</b> .....	1.50	5.50			

Any of the above, 30c. per trade pkt.

## AMERICAN BEAUTY ASTERS

Similar in type of flower and growth to the Late Branching Aster; flowers are produced on long heavy stems, are large and double.

	Trade Pkt.	Oz.		Trade Pkt.	Oz.
<b>Carmine Rose</b> ...	\$0.50	\$2.00	<b>Purple</b> .....	\$0.50	\$2.00
<b>Lavender</b> .....	.50	2.50	<b>Shell Pink</b> .....	.50	2.50

## EARLY WONDER ASTERS

The earliest variety in cultivation, coming into bloom several days before "Queen of the Market." Flowers are large, very double, similar to "Comet" type and are carried erect on long stems.



	Trade Pkt.	Oz.
<b>Light Blue</b> ....	\$0.40	\$2.00
<b>Pink</b> .....	.40	2.00
<b>White</b> .....	.40	2.00

## CREGO ASTERS

One of the finest varieties of Asters, and has rapidly come into popular favor. Flowers are gigantic in size, often 5 inches across and with long, stout stems averaging 15 inches in length. The twisted and curled petals give the flower the appearance of a huge Chrysanthemum.

	Oz.	1/4lb.
<b>Azure Blue</b> ....	\$1.50	\$5.50
<b>Lavender</b> .....	1.50	5.50
<b>Purple</b> .....	1.50	5.50
<b>Rose Pink</b> ....	1.50	5.50
<b>Shell Pink</b> ....	1.50	5.50
<b>White</b> .....	1.50	5.50
<b>Mixed</b> .....	1.25	4.50

Any of above, 30c. per trade pkt.





# MICHELL'S SUPERB ASTERS

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## KING ASTERS

Habit of growth similar to the Branching Aster; in form the flower is distinct; petals resemble the quilled varieties, but are larger and broader, those in the centre being curled and incurved.

	Trade Pkt.	Oz.
<b>Crimson King.</b> Rich deep crimson.....	\$0.40	\$2.00
<b>Lavender King.</b> Pale lavender.....	.40	2.00
<b>Pink King.</b> Delicate shell pink.....	.40	2.00
<b>Purple King.</b> .....	.40	2.00
<b>Rose King.</b> Deep rose color.....	.40	2.00
<b>Violet King.</b> A pleasing shade of soft violet...	.40	2.00
<b>White King.</b> Flowers large; pure white....	.40	2.00
<b>Mixed King.</b> .....	.40	1.75

## MICHELL'S IMPROVED SEMPLE'S BRANCHING ASTER

The finest late blooming Aster. Our Improved Strain has been secured after many years of careful selection. Large, perfectly double flowers on long stems.

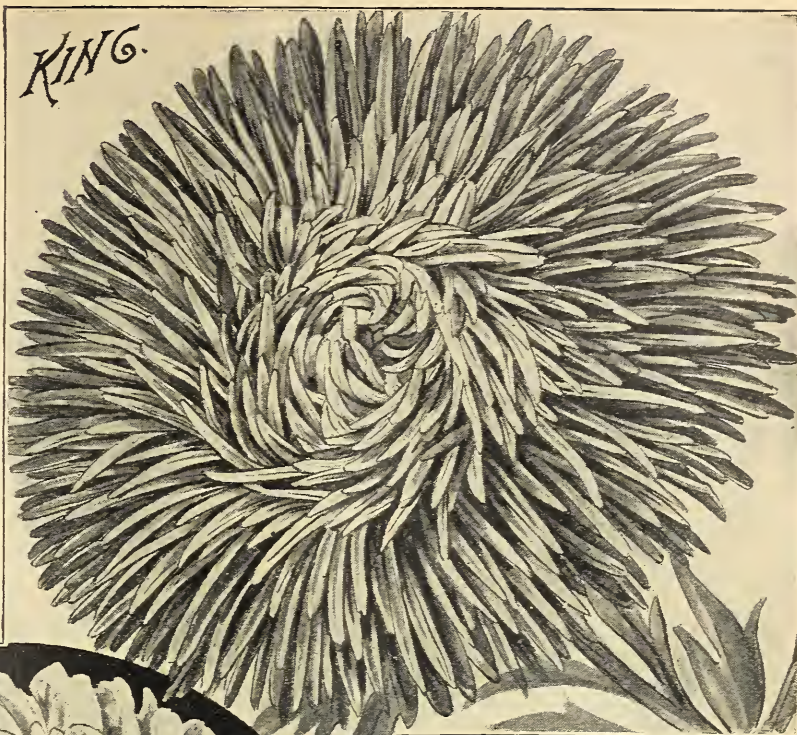
	Oz.	1/4 lb.
<b>Crimson.</b> .....	\$1.50	\$5.50
<b>Lavender.</b> .....	1.50	5.50
<b>Purple.</b> .....	1.50	5.50
<b>Rose Pink.</b> .....	1.50	5.50
<b>Shell Pink.</b> .....	1.50	5.50
<b>White.</b> .....	1.50	5.50
<b>Mixed.</b> .....	1.25	4.50

Any of above, 30c. per trade pkt.

## ROYAL BRANCHING ASTERS

One of the best Asters of recent introduction; of branching habit, and producing large flowers; has all the good qualities of the Late Branching type, and coming into bloom nearly as early as the "Queen of the Market."

	Trade Pkt.	Oz.
<b>Lavender.</b> .....	\$0.40	\$2.00
<b>Purple.</b> .....	.40	2.00
<b>Rose Pink.</b> .....	.40	2.00
<b>Shell Pink.</b> .....	.40	2.00
<b>White.</b> .....	.40	2.00
<b>Mixed.</b> .....	.30	1.50



## QUEEN OF THE MARKET ASTERS

(Extra Early)

The standard-bearer of the early flowering sorts. Our strain has been re-selected for its earliness and will prove of exceptional quality.

	Trade Pkt.	Oz.	1/4 lb.
<b>Blush Pink.</b> .....	\$0.25	\$1.00	\$3.50
<b>Crimson.</b> .....	.25	1.00	3.50
<b>Dark Blue.</b> .....	.25	1.00	3.50
<b>Light Blue.</b> .....	.25	1.00	3.50
<b>Rose Pink.</b> .....	.25	1.00	3.50
<b>White.</b> .....	.25	1.00	3.50
<b>Mixed.</b> .....	.20	.75	2.75

## VICTORIA ASTERS

Flowers are of large size; petals recurved; plants fairly dwarf and compact; excellent for bedding.

	Trade Pkt.	Oz.
<b>Azurea, Blue Bird.</b> .....	\$0.40	\$2.00
<b>Pale Lavender.</b> .....	.40	2.00
<b>Rose Pink.</b> .....	.40	2.00
<b>Salmon Pink.</b> .....	.40	2.00

## ASTERS, VARIOUS SORTS

	Trade Pkt.	Oz.
<b>Lady Roosevelt.</b> One of the finest of recent introductions; flowers resemble incurved Chrysanthemums; color a gorgeous pink, of marvelous beauty.....	\$0.50	\$2.50
<b>Lavender Gem.</b> An excellent variety of "Comet" form; perfectly double flowers; color lavender....	.40	2.00
<b>Michell's "Pink Superb."</b> Flowers immense size, petals long and broad, those in the centre lie curled and incurved, covering the crown; color, shell pink.	.50	2.50
<b>Pacific Beauty.</b> Of the same type as Crego; immense flowers of a rich lavender color. For illustration and full description, see novelty pages.....	.50	4.00
<b>Peerless Pink.</b> A valuable variety of the late branching type, coming into bloom a little earlier; double flowers of a rich shell pink color, very similar in shade to the Mary Semple variety.....	.50	2.50
<b>Peerless Yellow.</b> Sulphur yellow. (Pkt., 25c.)		
<b>Vick's Silvery Rose.</b> Deep lilac rose, delicately threaded with white; large flowers on long stems..	.50	4.00
<b>China Mixed.</b> Contains many sorts and colors....	.15	.50
<b>Perennial (Michaelmas Daisy).</b> All colors.....	.25	1.50



# MICHELL'S "DISTINCTIVE" FLOWER SEEDS

## BALLOON VINE

*Cardiospermum*. Per oz., 15c.; 50c. per ¼ lb.

### BALSAM (Lady Slipper)

A very desirable annual; the White Perfection and Prince Bismarck varieties are excellent for design work.

	Trade Pkt.	Oz.	¼ lb.
Camellia Flowered Pink.....	\$0.20	\$0.75	\$2.75
“ Prince Bismarck. Rich			
salmon pink.....	.20	.75	2.75
“ Scarlet.....	.20	.75	2.75
“ White Perfection.....	.25	1.00	3.50
“ Choice Mixed.....	.20	.50	1.75
Fine Mixed.....	.15	.35	1.25

## BALSAM APPLE

*Momordica Balsamina*..... .15 .30

## BAPTISIA (False Indigo)

*Australis*. Tall showy plants with deep blue flowers; perennial..... .20 1.00

## BARTONIA

*Aurea*. Dwarf edging plant; yellow flowers... .15 .35

## BEANS (Flowering and Running)

Scarlet Runner. Per lb., 30c.; 60c. for 2 lbs.



*Begonia, Gracilis Luminosa*

## BEGONIAS

As a bedding plant there is nothing more satisfactory; also excellent for pot plants. Seeds sown in January make splendid flowering plants in May.

	Trade Pkt.	Oz.
<i>Semperflorens Erfordia</i> . Pink..... (½ oz., \$1.75)	\$0.50	
“ Salmon Queen. Salmony red		
(½ oz., \$1.50)	.50	
“ Vernon. Deep red.....	.50	5.00
“ Choice Mixed.....	.50	4.00

## BEGONIA GRACILIS

This type produces very compact little plants that are literally covered with flowers; an easy seller.

	Trade Pkt.
<i>Gracilis Alba</i> Pure white..... (½ oz., \$1.00)	\$0.30
“ Luminosa. Fiery dark scarlet... (½ oz., \$1.75)	.40
“ Prima Donna. Rose, shading to	
carmine..... (½ oz., \$2.00)	.50
“ Rosea. Pink..... (½ oz., \$1.00)	.30

## BEGONIAS, TUBEROUS ROOTED

These are easily raised from seed, produce enormous flowers and are excellent for bedding, window boxes or pot culture.

	Trade Pkt.
Single Mixed..... (½ oz., \$3.00)	\$0.50
Double Mixed. Pkt., 35c.	

## BELLIS PERENNIS (See Daisy)

## BOCCONIA (Plume Poppy)

*Cordata*. Hardy perennial; creamy white flowers... \$0.15 \$0.50

## BRACHYCOME (Swan River Daisy)

*Iberidifolia*. A profuse flowering annual with small blue flowers..... .20 .75

## BRIZA. See Grasses, page 15.

## BROMUS. See Grasses, page 15.

## BROWALLIA

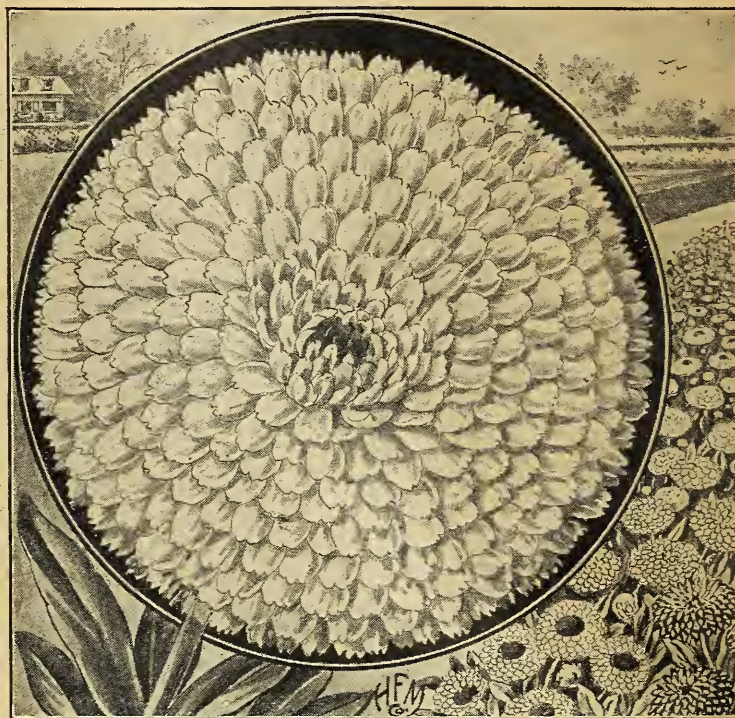
*Elata Coerulea*. Blue..... .20 .75

*Speciosa Major*. Most desirable variety as a pot plant; large, rich blue flowers..... .50

## CALCEOLARIA

A most decorative pot plant, which finds ready sale if well grown. The strains we offer cannot be excelled. ½ Trade Trade

	Pkt.	Pkt.
<i>Hybrida Grandiflora</i> . Choice mixed (½ oz., \$4.00)	\$0.60	\$1.00
<i>Hybrida Grandiflora Compacta</i> . Dwarf, mixed (½ oz., \$4.00)	.60	1.00
<i>Rugosa</i> . Mixed colors.....	.60	1.00



*Calendula, Michell's Special Forcing*

## CALENDULA (Pot Marigold)

Raised extensively as a pot plant, or for bedding; excellent for cutting.

	Trade Pkt.	Oz.	¼ lb.
<i>Michell's Special Forcing</i> . Have procured an extra fine strain of this forcing variety; large flowers of a rich, orange yellow color..	\$0.50	\$2.00	\$7.00
<i>Lemon King</i> . Lemon yellow.....	.15	.25	.60
<i>Meteor</i> . Orange striped.....	.15	.25	.60
<i>Orange King</i> . Rich dark orange.....	.15	.25	.60
<i>Prince of Orange</i> . Dark orange striped...	.15	.25	.60
<i>Pure Gold</i> . Golden yellow.....	.15	.25	.60
<i>Sulphurea</i> . Sulphur yellow.....	.15	.25	.60
Mixed.....	.15	.25	.60

## CALIFORNIA POPPY. See Eschscholtzia.

## CALLIOPSIS (Coreopsis)

### ANNUAL VARIETIES

	Trade Pkt.	Oz.
<i>Golden Wave (Drummondii)</i> . Golden yellow flowers..	\$0.15	\$0.25
<i>Nigra Speciosa</i> . Rich crimson maroon.....	.15	.25
Choice Mixed.....	.15	.25

### PERENNIAL VARIETIES

Splendid flowers for cutting during the whole summer.		
<i>California Sunbeams</i> . Large flowers; yellow and brown.....	.15	.50
<i>Lanceolata Grandiflora</i> . Large golden yellow....	.15	.30



## CAMPANULA (Bell Flower)

The taller sorts are splendid for cut flowers and most decorative; the dwarf sorts make excellent border plants.

	Trade Pkt.	Oz.
<i>Carpatica</i> Blue. Dwarf, 6 inches.....	\$0.20	\$1.00
" White. Dwarf, 6 inches.....	.20	1.00
<i>Media Calycanthema</i> (Cup and Saucer). Blue...	.30	2.00
" " Pink.....	.30	2.00
" " White.....	.30	2.00
" " Mixed.....	.25	1.50
" Single, Blue.....	.15	.40
" " Pink.....	.15	.40
" " White.....	.15	.40
" " Mixed.....	.15	.35
" Double, Mixed.....	.25	1.00
<i>Persicifolia Grandiflora</i> Blue. Grows 3 to 4 feet high and produces large bell-shaped flowers along the whole stem.....	.50	3.00
<i>Persicifolia Grandiflora</i> White.....	.50	3.00
<i>Pyramidalis</i> (Chimney Bell Flower). 6 feet. Blue and white mixed.....	.25	1.00

## CANARY BIRD VINE

<i>Tropaeolum Canariense</i> . Flowers yellow.....	.15	.50
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Candytuft, Michell's Giant White

## CANDYTUFT (Iberis)

Splendid edging plants, and also valuable for cutting.

	Trade Pkt.	Oz.	1/4 lb.
<i>Carmine</i> .....	\$0.15	\$0.25	\$0.75
<i>Crimson</i> .....	.15	.25	.75
<i>Empress</i> Large white..... (Lb., \$2.75)	.15	.25	.75
<i>Lavender</i> .....	.15	.25	.75
<i>Little Prince</i> . Very dwarf; white.....	.15	.30	1.00
<i>Miche'lls Giant White</i> . Immense spikes of white flowers..... (Lb., \$4.00)	.15	.40	1.25
<i>Pink</i> .....	.15	.30	1.00
<i>Purple</i> .....	.15	.25	.75
<i>Mixed</i> . All colors..... (Lb., \$1.75)	.15	.50	
<i>Sempervirens</i> . Perennial; fine for edging borders; white.....	.40	2.00	

## CANNA (Indian Shot)

Seedlings will bloom in June if sown early.

<i>Crozy's Dwarf Mixed</i> . From the finest sorts.....	.20	.60
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## CARDINAL CLIMBER

	Trade Pkt.	Oz.
<i>Ipomoea Quamoclit Hybrida</i> . A rapid growing annual climber, bearing a profusion of fiery, cardinal red flowers. In order to have good germination, a small notch should be filed or cut in each seed.....	\$1.50	\$2.00

**CARNATION. See next page.**

**CASTOR OIL BEANS. See Ricinus.**

**CELOSIA. See next page.**



## CENTAUREA

### CENTAUREA CYANUS (Cornflower)

Very popular annuals, flowering freely.

	Trade Pkt.	Oz.
<i>Double Blue</i> . Splendid for forcing..... (1/4 lb., \$1.50)	\$0.15	\$0.50
<i>Emperor William</i> . Deep blue..... (1/4 lb., 75c.)	.15	.25
<i>Pink</i> .....	.15	.25
<i>White</i> .....	.15	.25
<i>Choice Mixed</i> ..... (1/4 lb., 75c.)	.15	.25
<i>Double Mixed</i> .....	.15	.30

### CENTAUREA IMPERIALIS

#### Giant Cornflower, or Sweet Sultan.

Large sweet scented flowers; fine for cutting.

	Trade Pkt.	Oz.	1/4 lb.
<i>Deep Rose</i> .....	\$0.20	\$0.75	\$2.75
<i>Lavender</i> .....	.20	.75	2.75
<i>Lilac</i> .....	.20	.75	2.75
<i>Brilliant Pink</i> .....	.20	.75	2.75
<i>Purple</i> .....	.20	.75	2.75
<i>White</i> .....	.20	.75	2.75
<i>Choice Mixed</i> .....	.15	.50	1.75

### NEW GIANT FLOWERED CENTAUREAS

Magnificent flowers of brilliant colors; excellent for cutting.

	Trade Pkt.	Oz.
<i>Bride</i> . Pure white.....	\$0.30	\$1.50
<i>Bridegroom</i> . Purplish mauve.....	.30	1.50
<i>Honeymoon</i> . Golden yellow.....	.30	1.50

### WHITE LEAVED CENTAUREAS (Dusty Miller)

Excellent for borders, vases, baskets, etc.

<i>Candidissima</i> . Broad cut silvery gray foliage. (1000 seeds, 40c.).....	\$2.00
<i>Gymnocarpa</i> . Fine cut silvery foliage. (1000 seeds, 15c.).....	.50

### VARIOUS CENTAUREAS

<i>Suaveolens</i> . Large yellow.....	.15	.50
<i>Montana</i> . Perennial; blue.....	.25	1.00





Cineraria, Michell's Grandiflora Prize



Cineraria, Stellata Hybrida

**CARNATION**

	Trade Pkt.	Oz.
Chabaud's Everblooming. Choice mixed.....	\$0.40	\$1.50
Choice Mixed. Double border.....	.40	1.50
Early Vienna Mixed.....	.30	1.50
Marguerite Excelsior, Mixed. Extra large flowers.....	.30	1.50
" Pink.....	.30	1.75
" White.....	.30	1.75
" Scarlet.....	.30	1.75
" Yellow.....	.30	1.75
" Choice Mixed.....	.20	1.00

**CELOSIA****CRISTATA OR COCKSCOMB VARIETIES**

Giant Empress. Bright crimson; dark foliage....	\$0.25	\$1.50
Glasgow Prize. Dark crimson.....	.25	2.00
Choice Mixed. Dwarf sorts.....	.20	1.00

**PLUMOSA OR FEATHERED VARIETIES**

Childsii (Chinese Woolflower). Large, ball-shaped scarlet flowers.....	\$0.40	\$2.00
Childsii, Pink. Flowers delicate pink.....	.50	2.50
Golden Plume. Deep golden yellow.....	.15	.50
Pride of Castle Gould. Color, blood red, carmine, yellow, orange, scarlet, etc., in mixture.....	.50	5.00
Scarlet.....	.15	.50
Spicata. Bright rose, turning to silvery white.....	.15	.50
Thompsoni Magnifica. Various colors.....	.20	.75
Thompson's Superb. Crimson.....	.15	.60
Choice Mixed.....	.15	.40

**CENTAUREA. See page 11.****CERASTIUM (Snow in Summer)**

Tomentosum. Dwarf, white leaved edging plant; flowers white; perennial.....	.30	1.75
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**CHRYSANTHEMUM****ANNUAL VARIETIES**

	Trade Pkt.	Oz.
Helios (Evening Star). Large golden yellow.....	\$0.15	\$0.30
Double Mixed.....	.15	.25
Single Mixed.....	.15	.25

**PERENNIAL VARIETIES**

Japanese Hybrids. Autumn flowering; mixed ( $\frac{1}{16}$ oz., \$1.25).....	.50	
King Edward VII. Extra large; pure white.....	.20	.60
Shasta Daisy "Alaska." Pure white.....	.40	2.00

**CLARKIA**

An elegant annual for cutting.

Elegans, Queen Mary. Double rose carmine.....	.15	.50
" Salmon Queen. Double salmon.....	.15	.50
" Scarlet Queen. Double orange scarlet.....	.15	.50
" White. Double.....	.15	.50
" Double Mixed.....	.15	.40
" Single Mixed.....	.15	.30

**MICHELL'S "DISTINCTIVE" CINERARIAS**

Our Grandiflora Prize Strain cannot be surpassed; immense trusses of large flowers, often measuring 4 inches across. The Stellata varieties make exceedingly decorative pot plants.

	$\frac{1}{2}$ Trade Pkt.	Trade Pkt.
Grandiflora Prize Dwarf. Mixed colors ( $\frac{1}{32}$ oz., \$3.50).....	\$0.60	\$1.00
Grandiflora Prize Medium Tall. Mixed colors ( $\frac{1}{32}$ oz., \$3.50).....	.60	1.00
Matador. Large flowering scarlet.....	.60	1.00
Stellata Hybrida. Mixed colors ( $\frac{1}{32}$ oz., \$1.75)....	.60	1.00

**CINERARIA (Dusty Miller)**

	Trade Pkt.	Oz.
Maritima Candidissima. White leaved; much in demand for bedding, vases, baskets, etc.....	\$0.15	\$0.25

**CLEMATIS**

Flammula. Feathery white flowers.....	.15	.30
Paniculata. White star-shaped flowers ( $\frac{1}{4}$ lb., \$1.75).....	.15	.50

**CLEOME (Giant Spider Plant)**

Pungens. Rose-colored flowers.....	.15	.25
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**COBEA SCANDENS (Cups and Saucers Vine)**

Seeds should be placed edgewise to insure good germination.

	Trade Pkt.	Oz.
Purple..... ( $\frac{1}{4}$ lb., \$1.25)	\$0.15	\$0.40
White.....	.20	.75

**COIX LACHRYMÆ. See Grasses, page 15.****COLEUS**

Large Leaved. Choicest mixed.....	\$0.50	\$5.00
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**COLUMBINE. See Aquilegia.****CONVOLVULUS (Morning Glory)****Major or Tall Varieties**

	Trade Pkt.	Oz.	$\frac{1}{4}$ lb.
Double Snow Fairy. Pure white.....	\$0.15	\$0.50	
Double Flowering. Mixed colors.....	.15	.50	1.50
Japanese Imperial. Mixed.....	.15	.50	
Japanese Imperial Fringed. Mixed.....	.15	.25	.75
Mixed. Ordinary variety..... (Lb., 75c.)	.10	.25	

**Minor or Dwarf Varieties**

Tricolor. Blue.....	.15	.50
Mixed.....	.10	.25

**COREOPSIS. See Calliopsis.****CORNFLOWER. See Centaurea**





*Mitchell's Giant-Flowering Cosmos*

## COSMOS

### Early Flowering

This strain will begin blooming as early as July and continue until frost.

	Trade Pkt.	Oz.
Large Early Flowering, <b>Crimson</b> .....	\$0.15	\$0.50
“ “ “ <b>Pink</b> .....	.15	.50
“ “ “ <b>White</b> .....	.15	.50
“ “ “ <b>Mixed</b> .....	.15	.40
Double Extra Early Flowering <b>Mixed</b> . (New)....	.60	

### Late Flowering

The new double flowering strains are becoming very popular with the florists for cutting.

	Trade Pkt.	Oz.
<b>Crimson Ray</b> . Narrow fluted crimson petals, in star-like form.....	\$0.15	\$0.40
Double Crested, <b>Pink Beauty</b> .....	.40	1.75
“ “ <b>White Queen</b> .....	.40	1.75
“ “ <b>Mixed</b> .....	.40	1.75
“ <b>Eureka Pink</b> ..... (1/8 oz., \$1.25)	.50	
“ <b>Snowball</b> , White..... (1/8 oz., \$1.25)	.50	
Giant Flowering, <b>Crimson</b> .....	.15	.30
“ “ <b>Pink</b> .....	.15	.30
“ “ <b>White</b> .....	.15	.30
“ “ <b>Mixed</b> .....	.15	.25
“ “ <b>Fancy Varieties</b> . Mixed.....	.20	.60
<b>Klondyke</b> . Yellow.....	.20	.75
<b>Lady Lenox</b> . Immense flowers; color, shell pink..	.15	.30
<b>White Lady</b> . A new pure white variety of large size.	.15	.30

### COWSLIP. See *Primula Veris*.

### CUPHEA (Cigar Plant)

<b>Platycentra</b> . Scarlet.....	.40
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### CYPERUS (Umbrella Plant)

<b>Alternifolius</b> .....	.30	1.50
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### CYPRESS VINE (*Ipomoea Quamoclit*)

<b>Scarlet</b> .....	.15	.30
<b>White</b> .....	.15	.30
<b>Mixed</b> .....	.15	.25

## DAHLIA

Both the Double and Single Dahlias can be easily grown from seed, and will produce blooming plants the first summer if the seed is sown before June.

	Trade Pkt.	Oz.
<b>Double Cactus</b> . All colors mixed.....	\$0.40	\$2.00
<b>Double Large Flowering</b> . Show type; mixed.....	.30	1.50
<b>Single Collarette</b> . Flowers of various colors, with a collar of small petals around the centre.....	.25	1.00
<b>Single Giant Perfection</b> . Mixed.....	.20	.75

## CYCLAMEN—Mitchell's Giant Show

Our Cyclamen seed is grown for us by specialists, and cannot be excelled. Numerous first prizes have been awarded for the large size and beautiful coloring of the flowers. Seed is saved only from perfect plants.

<b>Bright Red.</b>	<b>Rose of Marienthal</b> . Bright pink.
<b>Dark Blood Red.</b>	<b>White with Carmine Eye.</b>
<b>Pure White.</b>	

Each of the above colors, per 100 seed, \$1.75; \$14.00 per 1,000 seed; 2,500 seed at \$13.50 per 1,000; 5,000 seed at \$13.00 per 1,000; 10,000 seed at \$12.50 per 1,000.

<b>Glory of Wandsbek</b> . Salmon red.	<b>Perle of Zehlendorf</b> . Salmon pink.
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Each of the above colors, per 100 seed, \$2.00; \$16.50 per 1,000 seed; 2,500 seed at \$16.00 per 1,000; 5,000 seed at \$15.50 per 1,000; 10,000 seed at \$15.00 per 1,000.

**Mixed Colors**. Per 100 seed, \$1.50; \$12.50 per 1,000 seed; 2,500 seed at \$12.00 per 1,000; 5,000 seed at \$11.50 per 1,000; 10,000 seed at \$11.00 per 1,000.

## CYCLAMEN—Mitchell's Large Flowering

<b>Duke of Connaught</b> . Crimson.	<b>Salmon Queen</b> . Salmon pink.
<b>Excelsior</b> . White with red base.	<b>St. George</b> . Delicate salmon; foliage marbled.
<b>Grandiflora Alba</b> . White....	
<b>Princess of Wales</b> . Pink.	

Each of the above, per 100 seed, \$1.60; \$13.00 per 1,000 seed; 2,500 seed at \$12.50 per 1,000; 5,000 seed at \$12.00 per 1,000; 10,000 seed at \$11.50 per 1,000.

**Mixed Colors**. Per 100 seed, \$1.25; \$11.00 per 1,000 seed; 2,500 seed at \$10.50 per 1,000; 5,000 seed at \$10.00 per 1,000; 10,000 seed at \$9.50 per 1,000.

**Mrs. Buckston**. Frilled and waved flowers; color, delicate salmon. Per 100 seeds, \$2.50; \$21.00 per 1,000 seeds.

## DAISY, ENGLISH DOUBLE (*Bellis Perennis*)

	Trade Pkt.	Oz.
<b>Longfellow</b> . Large pink.....	\$0.40	\$2.00
<b>Monstrosa Pink</b> .....	.50	3.50
<b>Monstrosa White</b> .....	.50	3.50
<b>Monstrosa Mixed</b> ..... (1/4 oz., \$1.25)	.50	
<b>Snowball</b> . Large white.....	.40	2.00
<b>Double Mixed</b> .....	.30	1.50

## DATURA (Trumpet Flower)

<b>Cornucopia</b> . White, marbled purple.....	.15	.50
<b>Double Mixed</b> .....	.15	.30



## MICHELL'S "DISTINCTIVE" FLOWER SEEDS

**DELPHINIUM**  
(Perennial Larkspur)

Trade Pkt. Oz.

Bella Donna. Light turquoise blue (¼ lb., \$11.00)	\$0.50	\$3.00
Bellamosum. A dark blue type of the Belladonna	.50	3.00
Chinense Grandiflorum. Dwarf; blue	.20	.60
Chinense Grandiflorum Album. Dwarf; white	.20	.60
Elatum (Bee Larkspur). Blue	.25	1.00
Formosum. Deep blue	.25	1.25
Formosum Coelestinum. Sky blue	.40	1.75
Kelway's Giant. Enormous spikes with flowers of many shades of blue	.40	1.50
Michell's Gold Medal Hybrids. A fine strain of mixed hybrids (¼ lb., \$5.50)	.40	1.50
Rev. E. Lascelles. Flowers large and double; deep blue with white centre	.50	5.00
Zalil. Yellow	.40	
Hybrid Mixed. All shades	.15	.50

For ANNUAL LARKSPUR see page 17.

**DIANTHUS (Pinks)**

Double Annual Sorts Trade Pkt. Oz.

China or India. Mixed (¼ lb., \$1.40)	\$0.15	\$0.40
Fireball. Fiery scarlet	.20	1.00
Fringed. Large; mixed colors	.20	.75
Japan Pink. Choice mixed	.15	.50
White. Fringed flowers	.20	1.00

**DIANTHUS—Single Annual Sorts**

Japan Pink. Mixed colors	.15	.50
Nobilis (Japan Royal). Mixed	.20	.75
Salmon Queen	.20	.75
Vesuvius. Bright red	.20	.75

**DIANTHUS—Hardy Garden Sorts**

Clove Scented. Double mixed	.30	2.00
Double Scotch. Mixed	.30	1.75
Erfurt. Dwarf double; mixed	.40	2.00

Latifolius Atrococcineus. fl. pl. Double scarlet	.25	1.25
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Pheasant's Eye. Single fringed flowers; mixed	.15	.50
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**DICTAMNUS (Gas Plant)**

Trade Pkt. Oz.

Fraxinella. Perennial; purple red flowers	\$0.15	\$0.50
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**DIDISCUS**

Coeruleus (Blue Lace Flower). An annual, blooming from July until frost; excellent for cutting; color pale lavender	.40	2.00
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**DIGITALIS (Foxglove)**

Gloxiniaeflora, Pink	.20	.75
" Purple	.20	.75
" White	.20	.75
" Mixed	.15	.50
Grandiflora. Light yellow	.15	.60
Monstrosa (Mammoth Foxglove). Mixed	.20	.75

**DIMORPHOTHECA**

Aurantiaca (African Orange Daisy). Golden orange, daisy-like flowers; splendid for cutting and well adapted for forcing	.20	.60
Aurantiaca Hybrida. A splendid mixture of colors	.20	.75

**DOLICHOS (Hyacinth Bean)**

Darkness. Purple violet	.15	
Daylight. Pure white	.15	
Choice Mixed (¼ lb., 30c.)	.10	

**DRACENA**

Useful as centre plants for vases, baskets, etc. The seed is sent out in the hull or berry and should be rubbed out before sowing.

Trade Pkt. Oz.

Australis. Broad leaves (¼ lb., \$1.75)	\$0.15	\$0.50
Indivisa. Narrow green leaves; the popular sort for bedding or vases (¼ lb., \$1.00)	.15	.30

**ECHINOCYSTIS (Wild Cucumber Vine)**

Lobata	.15	.25
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Delphinium, Bella Donna

EULALIA. See Grasses, page 15.

**EUPATORIUM**

A fine perennial, and useful for cutting.

Trade Pkt. Oz.

Fraseri. White flowers	\$0.15	\$0.50
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**EUPHORBIA**

Heterophylla (Mexican Fire Plant). Ornamental foliage plant; red flower bracts

	.20	.75
Variegata (Snow on the Mountain). Variegated foliage and white flower bracts	.15	.40

**FERNS**

We can supply fresh spores of the following excellent varieties of Ferns:

Adiantum Cuneatum.
Adiantum Mixed.
Aspidium Tussimense.
Cyrtomium Falcatum.
Lomaria Gibba.
Lygodium Scandens.
Pteris Adiantoides.
" Alba Lineata.
" Magnifica.
" Mayii.
" Serrulata Cristata.
" Tremula.
" Victoria.
" Wimsettii.
" Wilsoni.
" Mixed Varieties.

Mixed. Many choice varieties.

Any of the above varieties, 75c. per trade packet.

**FEVERFEW (Matricaria)**

Trade Pkt. Oz.

Double White. Fine for cut flowers	\$0.15	\$0.40
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FORGET-ME-NOT. See Myosotis.

FOUR O'CLOCK. See Marvel of Peru.

**ESCHSCHOLTZIA (California Poppy)**

Trade Pkt. Oz.

Californica. Yellow	\$0.15	\$0.25
Carmine King. Carmine rose	.15	.40
Golden West. Large golden yellow	.15	.25
Mandarin. Orange and scarlet	.15	.25
Mauve Beauty. Lavender mauve	.40	2.00
Rose Cardinal. Carmine rose	.15	.25
Vesuvius. Wallflower or coppery red	.15	.50
White	.15	.25
Choice Mixed	.15	.25



Dimorphotheca, Aurantiaca





*Gaillardia, Grandiflora Superba*

## GAILLARDIA

### Annual Varieties

Useful for cutting, or for the mixed border.

	Pkt.	Oz.	1/4 lb.
<i>Picta</i> . Single mixed.....	\$0.15	\$0.35	\$1.25
<i>Picta Lorenziana</i> . Double mixed.....	.15	.40	1.40

### GAILLARDIA — Perennial Varieties

These will flower the first year from seed if sown early. Gigantic attractive flowers appear during the whole season; fine for cutting or borders.

	Trade Pkt.	Oz.	1/4 lb.
<i>Grandiflora Compacta</i> . Mixed.....	\$0.15	\$0.50	\$1.75
" <i>Sanguinea</i> . Blood red.....	.20	.75	2.75
" <i>Semi Double</i> . Mixed.....	.20	.75	2.75
" <i>Superba</i> . Mixed.....	.15	.50	1.75

## GENTIANA (Blue Gentian)

*Acaulis*. A dwarf hardy perennial; deep blue flowers..... .25

## GERANIUM

*Apple Scented*. Per 100 seeds, 25c.; \$2.00 per 1,000 seeds.

*Pelargonium (Lady Washington)*. Per 100 seeds, \$1.50.

*Zonale*. Single mixed..... \$0.40 \$2.00

## GERBERA (Transvaal Daisy)

Splendid greenhouse perennials, with large daisy-like flowers; fine for pot plants or for cutting.

*Jamesoni Gigantea*. Immense scarlet flowers. Per 100 seeds, 75c.

*Jamesoni Hybrida*. These hybrids include a wonderful range of brilliant colors and shades. Per 100 seeds, 60c.

## GEUM

	Trade Pkt.	Oz.
<i>Atrosanguineum</i> Fl. Pl. Large, showy double dark crimson flowers; perennial.....	\$0.20	\$0.75
<i>Mrs. Bradshaw</i> . Large, double, brilliant scarlet flowers; blooms the entire summer; perennial.....	.30	1.50

## GLOXINIA

Carefully saved seeds from perfect flowers and shapely plants.

	Trade Pkt.	Oz.
<i>Hybrida Grandiflora</i> . Choicest Mixed. (1/2 trade pkt., 60c.).....	\$1.00	

## GODETIA (Satin Flower)

Beautiful and easily grown annuals.

	Pkt.	Oz.
<i>Duchess of Albany</i> . White.....	\$0.15	\$0.50
<i>Gloriosa</i> . Blood red.....	.15	.50
<i>Rosamond</i> . Shell pink.....	.15	.50
<i>Choice Mixed</i> .....	.15	.30

## GOMPHRENA (Globe Amaranth)

Also called "Bachelor's Buttons;" a useful Everlasting for bedding; also for cutting.

	Trade Pkt.	Oz.
<i>Nana Compacta</i> . Dwarf red.....	\$0.15	\$0.50
<i>Mixed</i> . All colors.....	.15	.30

## GOURD (Ornamental)

<i>Calabash, or Dipper</i> . Very useful.....	.15	.25
<i>Egg-Shaped</i> . White.....	.15	.25
<i>Hercules Club</i> . Club-shaped; 4 feet long.....	.15	.25
<i>Luffa (Dish Rag or Bonnet Gourd)</i> .....	.15	.25
<i>Orange-Shaped (Mock Orange)</i> .....	.15	.25
<i>Pear-Shaped</i> . Striped; very showy.....	.15	.25
<i>Sugar Trough</i> . Used as water holders.....	.15	.25
<i>Mixed</i> . In a great variety.....	.15	.25

## GRASSES (Ornamental)

Useful, either for growing in clumps, mixed borders or in shrubberies.

### Annual Varieties

	Trade Pkt.	Oz.
<i>Avena Sterilis (Animated Oats)</i> .....	\$0.15	\$0.25
<i>Briza Maxima (Quaking Grass)</i> .....	.15	.25
<i>Bromus Brizaeformis</i> .....	.15	.25
<i>Coix Lachrymae (Job's Tears) (1/4 lb., 30c.)</i> .....		.10
<i>Hordeum Jubatum (Squirrel Tail Grass)</i> .....	.15	.40
<i>Pennisetum Longistylum</i> .....	.15	.50
<i>Pennisetum Ruppelianum (Purple Fountain Grass)</i> .....	.15	.50

### Perennial Varieties

<i>Arundo Donax (Great Reed)</i> .....	.15	.40
<i>Eulalia Japonica</i> .....	.15	.50
<i>Gynerium Argenteum (Pampas Grass)</i> .....	.15	.50
<i>Stipa Pennata (Feather Grass)</i> .....	.25	1.00

## GREVILLEA (Silk Oak)

*Robusta*. A beautiful ornamental foliage plant; grown extensively for vase work and very easily raised from seed..... .20 .60



*Gypsophila, Paniculata fl. pl.*

## GYPSOPHILA (Baby's Breath)

Free flowering plants of easy culture; excellent for cutting to mix with other flowers.

	Trade Pkt.	Oz.
<i>Elegans Alba Grandiflora</i> . Hardy annual variety; flowers pure white.... (1/4 lb., 60c.; \$2.00 per lb.).....	\$0.15	\$0.25
<i>Elegans Carminea</i> . Bright carmine rose (1/4 lb., 60c.; \$2.00 per lb.).....	.15	.25
<i>Paniculata</i> . Perennial; graceful sprays of white flowers..... (1/4 lb., \$1.40).....	.15	.40
<i>Paniculata Fl. Pl.</i> Perennial, with double white flowers.....	.50	7.50

## HELENIUM

*Autumnale Superbum*. Perennial; large heads of golden yellow flowers..... .25 1.50

## HELIANTHUS See Sunflower.



# MICHELL'S "DISTINCTIVE" FLOWER SEEDS

## HELICHRYSUM (Straw Flower)

The varieties offered below are all of the Monstrosum type, producing large and perfectly double flowers. Valuable for cutting or decoration, either when fresh or in their dried state.

	Trade Pkt.	Oz.
Fireball. Crimson.....	\$0.20	\$0.60
Golden Ball. Golden yellow.....	.20	.60
Rose Carmine.....	.20	.60
Salmon Pink.....	.20	.60
Silver Ball. White.....	.20	.60
Violet.....	.20	.60
Choice Mixed.....	.15	.50

## HELIOPSIS (Orange Sunflower)

Pitcheriana. Perennial; deep golden yellow flowers; excellent for cutting.....	.15	.60
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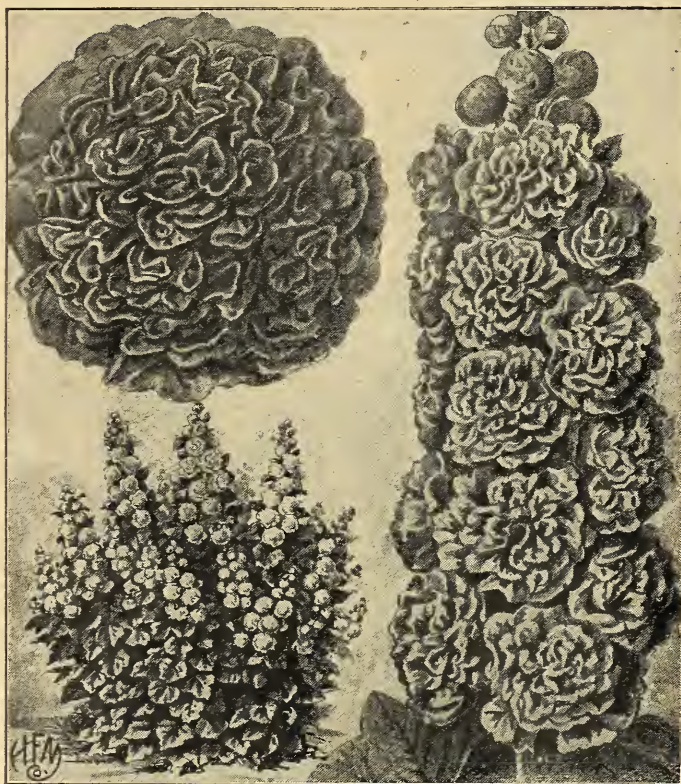
## HELIOTROPE

Highly prized on account of the delightful fragrance of the flowers; excellent for pots or bedding.

	Trade Pkt.	Oz.
Lemoine's Giant Hybrids. Immense flowers.....	\$0.30	\$1.75
Regal. Dwarf large flowering.....	.40	1.75
Choice Mixed.....	.25	1.50

## HEUCHERA (Alum Root)

Sanguinea. Hardy perennial; spikes of vivid crimson flowers; excellent for cutting.....	.40	2.25
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Hollyhock, Chater's Double

## HOLLYHOCK

Our seed of this popular perennial plant is saved from extra fine double flowers and cannot be surpassed.

	Trade Pkt.	Oz.	¼ lb.
Allegheny. Semi-Double Fringed, Mixed.....	\$0.20	\$0.75	\$2.75
Chater's Double Maroon.....	.20	1.00	3.75
“ “ Pink.....	.20	1.00	3.75
“ “ Red.....	.20	1.00	3.75
“ “ Salmon.....	.20	1.00	3.75
“ “ White.....	.20	1.00	3.75
“ “ Yellow.....	.20	1.00	3.75
“ “ Mixed.....	.20	.75	2.75
Double Everblooming Mixed. Flowers the first year from seed.....	.25	1.00	3.75
Single Everblooming Mixed.....	.20	.60	2.25
Single Mixed.....	.15	.50	1.75
Exquisite (New). Flowers large and double; colors range from light rose to dark purple. See novelty pages. Pkt., 30c.; 80c. per 3 pkts.			

## HIBISCUS (Marshmallow)

	Trade Pkt.	Oz.
Crimson Eye. White with crimson centre.....	\$0.20	\$0.75
Golden Bowl. Yellow, with maroon centre.....	.20	1.00
Moscheutos. Large pink flowers.....	.15	.40
New Giant (Mallow Marvel). Mixed.....	.15	.50

## HONESTY (Lunaria)

Biennis Alba. Admired for its silvery seed panicles..	.15	.40
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## HORDEUM See Grasses, page 15.

## HUMULUS (Japanese Hop)

A rapid-growing annual climber; very ornamental.

Japonicus. Green foliage.....	.15	.35
Japonicus Variegatus. Leaves mottled with white.....	.15	.40

## HUNNEMANNIA (Giant Yellow Tulip Poppy)

Fumariaefolia. Will produce flowers from July till frost; good for cutting.....	\$0.15	\$0.40
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## HYACINTH BEAN. See Dolichos



Ipomoea (Moon Flower)

## IMPATIENS (Sultan's Balsam)

An elegant plant for house and conservatory decoration.

	Trade Pkt.	Oz.
Holsti. Vermilion red.....	\$0.40	
Holsti New Hybrids. Various colors.....	.40	
Sultani. Bright rose.....	.40	
Sultani Hybrida. Various colors.....	.40	

## IPOMOEA

Heavenly Blue (Rubra Coerulea).....	.20	\$0.75
Noctiflora (Moon Flower). Large white. Lb., \$4.00; \$1.25 per ¼ lb.....	.15	.40
Quamoclit Hybrida (Cardinal Climber). Fiery, cardinal red.....	.50	2.00
Setosa (Brazilian Morning Glory). Pink.....	.15	.30
Mixed.....	.15	.30

## IRIS (Flowering Flag)

Kaempferi (Japanese Iris). Mixed colors.....	.15	.50
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## KENILWORTH IVY

Linaria Cymbalaria. Flowers violet.....	.40	2.00
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## KOCHIA (Summer Cypress or Mexican Fire Bush)

Trichophylla. A very popular annual.....	\$0.15	\$0.25
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## LANTANA

A valuable plant for bedding, pot culture or vases.

Dwarf Compact Mixed.....	.15	.50
Choice Mixed.....	.15	.40





Larkspur, Double Tall Stock Flowered

## LARKSPUR (Annual)

		Trade Pkt.	Oz.	1/4 lb.
A very popular annual for cutting.				
Dwarf Double Rocket.	Mixed colors	\$0.15	\$0.25	\$0.75
Giant Hyacinth Flowered.	Mixed	.15	.50	1.75
Tall Stock Flowered	Dark Blue	.15	.50	1.75
"	Lilac	.15	.50	1.75
"	Lustrous Carmine	.15	.50	1.75
"	Shell Pink	.15	.50	1.75
"	Sky Blue	.15	.50	1.75
"	White	.15	.50	1.75
"	Mixed	.15	.30	1.00

For Perennial Larkspur, see Delphinium.



Lupinus

## LATHYRUS LATIFOLIUS (Perennial Pea)

		Trade Pkt.	Oz.
Crimson		\$0.20	\$0.60
Pink Beauty.	Bright pink	.20	.75
White		.20	.75
Choice Mixed Colors		.15	.50

## LAVENDER

Lavendula Vera (True).	Fragrant blue flowers	.20	.60
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## LEPTOSYNE

Maritima.	Free-flowering annual, with large, single yellow flowers; fine for cutting	.30	1.50
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## LINUM

Grandiflorum Rubrum (Scarlet Flax)		.15	.25
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Lobelia, Crystal Palace Compacta

## LOBELIA

One of the best plants for edging beds, or for pots, baskets and vases. Seed should be sown early.

		Trade Pkt.	Oz.
Barnard's Perpetual.	Dwarf blue with white eye; trailing	\$0.30	\$1.50
Crystal Palace Compacta.	This is the leading dwarf variety; dark blue flowers carried erect	.40	2.00
Crystal Palace Speciosa.	The best trailing sort for baskets and vases; deep blue	.20	1.00
Emperor William.	Dwarf; light blue	.30	2.00
Gracilis.	Light blue; trailing	.15	.60
Sapphire.	A beautiful trailing variety; deep blue with white eye (1/8 oz., 75c.)	.40	
White Gem.	Pure white; dwarf	.30	1.50
Choice Mixed		.20	1.00
Cardinalis (Cardinal Flower).	Stately plants with spikes of cardinal red flowers; perennial	.50	4.00

## LUPINUS (Annual) Trade Pkt. Oz. 1/4 lb.

Pink		\$0.15	\$0.25	\$0.80
Rich Blue		.15	.25	.80
Sky Blue		.15	.25	.80
Scarlet, White Tipped		.15	.25	.80
White		.15	.25	.80
Yellow		.15	.30	1.00
Mixed		.15	.25	.80

## LUPINUS—Perennial Varieties

Polyphyllus Blue		\$0.15	\$0.25
" Roseus.	Soft pink	.20	.75
" Somerset.	Yellow	.30	2.00
" White		.15	.25
" Mixed.	All colors	.15	.25

## LYCHNIS

		Trade Pkt.	Oz.
Chalcedonica.	Scarlet cross-like flowers; 2 feet	\$0.15	\$0.35
Haageana Hybrida.	Mixed; various colors; 1 foot	.40	2.00



## MICHELL'S "DISTINCTIVE" FLOWER SEEDS

## MESEMBRYANTHEMUM

	Trade Pkt.	Oz.
<i>Cordifolium Variegatum</i> . Pink flowers.....	\$0.40	\$2.50
<i>Crystallinum</i> ( <i>Ice Plant</i> ). White flowers.....	.15	.40
<i>Tricolor</i> ( <i>Wax Plant</i> ). Various colors.....	.20	.75



Marigold

## MARIGOLD

## Dwarf French Varieties

Favorite, free flowering annuals for bedding and cutting; rich, showy flowers. Trade Pkt. Oz.

<b>Gold Striped.</b> Double; brownish red, striped yellow.....	( $\frac{1}{4}$ lb., \$1.75)	\$0.15	\$0.50
<b>Legion of Honour</b> ( <i>Little Brownie</i> ). Single; golden yellow with spot of crimson velvet.....	( $\frac{1}{4}$ lb., \$1.25)	.15	.35
<b>Liliput.</b> Very dwarf; mixed colors; fine for pots.....	( $\frac{1}{4}$ lb., \$1.75)	.20	.50
<b>Dwarf French Mixed</b> .....	( $\frac{1}{4}$ lb., \$1.25)	.15	.35

## MARIGOLD—African Varieties

<b>El Dorado.</b> Tall growing sort; double orange.....	( $\frac{1}{4}$ lb., \$1.75)	.15	.50
<b>Lemon Queen.</b> Clear lemon yellow; double.....	( $\frac{1}{4}$ lb., \$2.00)	.15	.60
<b>Orange Beauty.</b> Single; orange yellow.....	( $\frac{1}{4}$ lb., \$2.00)	.15	.60
<b>Orange Prince.</b> Rich orange yellow; double.....	( $\frac{1}{4}$ lb., \$2.00)	.15	.60
<b>Pride of the Garden.</b> Golden yellow; dwarf.....	( $\frac{1}{4}$ lb., \$1.75)	.15	.50
<b>Tall Double Mixed</b> .....	( $\frac{1}{4}$ lb., \$1.00)	.15	.30

## MARVEL OF PERU (Four o'Clocks)

Mixed Colors.....	( $\frac{1}{4}$ lb., 40c.)	.15	
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## MATRICARIA. See Feverfew.

## MATTHIOLA

<i>Bicornis</i> ( <i>Evening Scented Stock</i> ). Purplish lilac....	.15	.25	
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## MAURANDIA

A splendid climbing plant for vases, baskets, etc.

<i>Barclayana</i> . Purple.....	.40	2.50	
<b>Choice Mixed.</b> All colors.....	.25	1.50	



Mignonette, Michell's Colossal

## MIGNONETTE

Valuable for cutting on account of its fragrance.

	Trade Pkt.	Oz.
<b>Allen's Defiance.</b> Large spikes....	( $\frac{1}{4}$ lb., \$1.25)	\$0.15 \$0.40
<b>Bismarck.</b> Large compact spikes.....	.20	.75
<b>Golden Machet.</b> Large golden yellow.....	.15	.50
<b>Goliath.</b> Giant spikes; extra fine.....	.25	1.00
<b>Machet.</b> Improved and selected....	( $\frac{1}{4}$ lb., \$1.50)	.15 .50
<b>Michell's Colossal.</b> One of the finest sorts for forcing. Colossal spikes from 18 to 24 inches high....	.50	6.00
<b>Sweet Scented.</b> Large flowering....	( $\frac{1}{4}$ lb., 40c.)	.15

## MIMOSA. See Sensitive Plant

## MIMULUS

<i>Moschatus</i> ( <i>Musk Plant</i> ). Yellow flowers; fragrant foliage.....	.40	3.50
<i>Tigrinus</i> ( <i>Monkey Flower</i> ). Mixed.....	.30	2.00

## MOONFLOWER, See Ipomoea.

## MORNING GLORY. See Convolvulus.

## MUSA

*Ensete* (*Abyssinian Banana*). 50c. per 25 seeds; 100 seeds, \$1.25.

## MYOSOTIS (Forget-Me-Not)

<i>Alpestris Victoria.</i> Bright blue; dwarf.....	.25	1.50
<i>Dissitiflora.</i> Deep blue; early flowering.....	.40	3.00
<i>Eliza Fanrobert.</i> Blue; fine for pots.....	.25	1.00
<i>Grandiflora Alba.</i> White.....	.25	1.00
<i>Grandiflora Rosea.</i> Pink.....	.25	1.00
<i>Palustris.</i> Heavy, robust plants; deep blue.....	.40	2.00
<i>Palustris Semperflorens.</i> Everblooming, blue....	.40	2.50
<i>Royal Blue.</i> Erect growing; rich blue.....	.20	.75
<i>Ruth Fischer.</i> Flowers of true Forget-Me-Not blue ( $\frac{1}{16}$ oz., \$1.00).....	.50	
<b>Choice Mixed</b> .....	.15	.60





Michell's Giant Flowering Nasturtiums

## NASTURTITIUMS

Excellent for window boxes, vases, baskets, etc.; the dwarf sorts are fine for beds or borders.

### DWARF OR TOM THUMB VARIETIES

	Oz.	¼ lb.	Lb.
<b>Aurora.</b> Rich yellow, veined carmine.....	\$0.15	\$0.40	\$1.25
<b>Beauty.</b> Yellow with scarlet veinings.....	.15	.40	1.25
<b>Bronze.</b> Burnished bronze color.....	.15	.40	1.25
<b>Chameleon.</b> Various colors on same plant..	.15	.40	1.25
<b>Cloth of Gold.</b> Scarlet; yellow foliage.....	.15	.40	1.25
<b>Crystal Palace Gem.</b> Sulphur, spotted maroon.....	.15	.40	1.25
<b>David Burpee Spencer.</b> Leaves wavy and ruffled; flowers deep scarlet.....	.15	.40	1.25
<b>Empress of India.</b> Crimson; dark foliage..	.15	.40	1.25
<b>Golden King.</b> Golden yellow.....	.15	.40	1.25
<b>Golden Queen.</b> Yellow flowers and foliage..	.15	.40	1.25
<b>King of Tom Thumbs.</b> Dark scarlet.....	.15	.40	1.25
<b>King Theodore.</b> Crimson maroon; dark foliage.....	.15	.40	1.25
<b>Lady Bird.</b> Yellow and red.....	.15	.40	1.25
<b>Pearl.</b> Creamy white.....	.15	.40	1.25
<b>Pink.</b> .....	.15	.40	1.25
<b>Prince Henry.</b> Cream, spotted and tipped red	.15	.40	1.25
<b>Queen of Tom Thumbs Crimson</b> .....	.15	.40	1.25
<b>Scarlet</b> .....	.15	.40	1.25
<b>Spotted.</b> Rich yellow, spotted crimson....	.15	.40	1.25
<b>Vesuvius.</b> Salmon pink; dark leaved.....	.15	.40	1.25
<b>Yellow</b> .....	.15	.40	1.25
<b>Choice Mixed</b> ..... (10 lbs., \$7.00)	.10	.25	.75
<b>Golden Foliage Mixed</b> .....	.15	.40	1.25
<b>Ivy Leaved Mixed</b> .....	.15	.40	1.25
<b>Liliput Mixed.</b> Very dwarf; good for pots..	.15	.50	1.50
<b>Michell's Giant Flowering Mixed</b> .....	.15	.40	1.25
<b>Queen of Tom Thumb Mixed.</b> Silver variegated foliage; very showy.....	.15	.50	1.50

### LOBB'S TALL OR CLIMBING

<b>Asa Gray.</b> Yellowish white.....	.15	.40	1.25
<b>Black Prince.</b> Dark velvety crimson.....	.15	.40	1.25
<b>Brilliant.</b> Glowing scarlet.....	.15	.40	1.25
<b>Golden Queen.</b> Golden yellow.....	.15	.40	1.25
<b>Roi des Noirs.</b> Dark garnet red.....	.15	.40	1.25
<b>Spitfire.</b> Brilliant scarlet.....	.15	.40	1.25
<b>Choice Mixed.</b> Lobb's varieties.....	.10	.30	1.00

## NASTURTITIUMS—Continued

### CLIMBING OR TRAILING VARIETIES

	Oz.	¼ lb.	Lb.
<b>Chameleon.</b> Various colors on same plant..	\$0.10	\$0.30	\$1.00
<b>Crimson</b> .....	.10	.30	1.00
<b>Hemisphaericum.</b> Orange salmon and scarlet.....	.10	.30	1.00
<b>Jupiter.</b> Yellow, crinkled petals.....	.10	.30	1.00
<b>King Theodore.</b> Crimson maroon; dark foliage.....	.10	.30	1.00
<b>Orange</b> .....	.10	.30	1.00
<b>Pearl.</b> Creamy white.....	.10	.30	1.00
<b>Pink</b> .....	.10	.30	1.00
<b>Prince Henry.</b> Cream spotted and tipped red	.10	.30	1.00
<b>Scarlet</b> .....	.10	.30	1.00
<b>Vesuvius.</b> Salmon pink; dark leaved.....	.10	.30	1.00
<b>Yellow</b> .....	.10	.30	1.00
<b>Choice Mixed</b> ..... (10 lbs., \$5.50)	.10	.25	.65
<b>Hybrids of Madame Gunther, Mixed</b> ....	.15	.40	1.25
<b>Ivy Leaved Mixed</b> .....	.15	.40	1.25
<b>Michell's Giant Flowering Mixed</b> .....	.15	.35	1.00

## NEMESIA

	Trade Pkt.	Oz.
<b>Strumosa Suttoni.</b> A splendid annual, with large flowers varying in color from creamy white to deep orange and carmine; fine for bedding.....	\$0.40	\$2.00

## NICOTIANA (Ornamental Tobacco)

	Trade Pkt.	Oz.
Showy annual plants, giving a continuous display of brilliant flowers.		
<b>Affinis.</b> Large white, fragrant flowers.....	\$0.15	\$0.35
<b>Affinis Hybrids.</b> Mixed colors.....	.15	.40
<b>Sanderae.</b> Flowers carmine red.....	.15	.50

## NIEREMBERGIA

	Trade Pkt.	Oz.
Excellent for baskets, vases, or bedding out.		
<b>Frutescens.</b> White, tinted with lilac.....	.20	.75

## NIGELLA (Love in a Mist)

<b>Damascena.</b> Showy annual of compact growth, with finely cut foliage and curious flowers; blue and white mixed; 1 foot.....	.15	.25
<b>Miss Jekyll.</b> A lovely variety, with long stems, and bearing a profusion of beautiful flowers of a clear cornflower blue; excellent for cutting; 18 inches..	.15	.30



# MICHELL'S GIANT PANSIES

Our strains of this popular flower are procured from the leading Pansy specialists, and cannot be surpassed for size and form, beautiful markings and brilliancy of colors and shadings.

## GIANT STRAIN IN SEPARATE COLORS

	Trade Pkt.	Oz.	1/4 lb.
Giant Prize. Azure Blue.....	\$0.40	\$2.50	\$9.00
" " Black Blue.....	.40	2.50	9.00
" " Emperor William. Blue....	.40	2.50	9.00
" " Hortensia Red.....	.40	3.00	11.00
" " King of the Blacks.....	.40	2.50	9.00
" " Lord Beaconsfield. Purple violet.....	.40	2.50	9.00
" " Peacock. Blue, claret and white.....	.40	3.00	11.00
" " Snow Queen. Pure white...	.40	2.50	9.00
" " Striped and Mottled.....	.40	2.50	9.00
" " White with Eye.....	.40	2.50	9.00
" " Pure Yellow.....	.40	2.50	9.00
" " Yellow with Eye.....	.40	2.50	9.00

## REGULAR STRAIN IN SEPARATE COLORS

	Trade Pkt.	Oz.	1/4 lb.
Belgian Striped.....	\$0.25	\$1.75	\$6.00
Emperor William. Blue.....	.25	1.75	6.00
Faust, or King of the Blacks.....	.25	1.75	6.00
Gold Margined. Purple, golden edge.....	.25	1.75	6.00
Havana Brown.....	.25	1.75	6.00
Lord Beaconsfield. Purple violet.....	.25	1.75	6.00
Mahogany Colored.....	.25	1.75	6.00
Silver Edged. Purple, silver edge.....	.25	1.75	6.00
Snow Queen. Pure white.....	.25	1.75	6.00
White with Eye.....	.25	1.75	6.00
Yellow Gem. Pure yellow.....	.25	1.75	6.00
Yellow with Eye.....	.25	1.75	6.00

## GIANT FLOWERING PANSIES IN MIXTURE

**Michell's Giant Exhibition, Mixed.** A giant strain which we have secured from the leading Pansy specialists, both at home and abroad. For size of bloom, heavy texture and varied shades and colors, with their distinct markings, this strain cannot be excelled. 30c. per 1/2 trade pkt.; trade pkt., 50c.; \$1.25 per 1/8 oz.; per 1/4 oz., \$2.00; \$7.00 per oz.; 1/4 lb., \$26.00.

**Triumph of the Giants, Mixed.** Produces on long stems flowers of immense size; many beautiful, rich and rare shades. 60c. per 1/2 trade pkt.; trade pkt., \$1.00; \$2.25 per 1/4 oz.; per oz., \$8.00; \$30.00 per 1/4 lb.



*Phlox Drummondii, Dwarf*



*Michell's Giant Exhibition Pansy*

## PANSIES IN MIXTURE (Continued)

	Trade Pkt.	Oz.	1/4 lb.
Bugnot, Odier and Cassier. A superb mixture of most brilliant colors and markings; flowers extra large.....	\$0.50	\$4.00	\$14.00
Giant Trimardeau Mixed. Very large flowering in a good range of colors.....	.30	2.25	8.00
Mad. Perret. Especially rich in red shades; flowers are of large size and borne freely...	.50	3.00	11.00
Masterpiece ( <i>Fripled Pansy</i> ). Beautiful rich colors; petals curled or waved.....	.50	5.00	18.00
Odier or Blotched. A distinct fine strain..	.50	3.50	13.00
Parisian Large Stained. Large flowering..	.50	3.00	11.00
Finest English Mixed. Large flowering...	.25	1.50	5.00
Very Fine Mixed.....	.20	1.25	4.50

## PENNISETUM. See Grasses. PENTSTEMON

	Trade Pkt.	Oz.
Sensation. Largely used for bedding; should be treated the same as Petunias, Verbenas, etc.; mixed colors.....	\$0.30	\$2.50
New Hybrids Mixed. Hardy perennial; large spikes	.30	2.00

## PETUNIA. See next page. PHLOX DRUMMONDII

Beautiful summer flowering annuals; make excellent pot plants for spring sales.

## DWARF OR COMPACT VARIETIES

	1/2 Trade Pkt.	Trade Pkt.	Oz.	1/4 lb.
"Cecily." Large flowering mixed.....	\$0.30	\$0.50	\$2.50	\$9.00
Fireball. Brilliant scarlet.....	.25	.40	2.25	
Pink.....	.25	.40	2.25	
Snowball. Pure white.....	.25	.40	2.25	
Choicest Mixed.....	.25	.40	1.75	6.50

## PHLOX—GRANDIFLORA VARIETIES

	Oz.	1/4 lb.
Alba. Pure white.....	.25	1.25
Coccinea. Scarlet.....	.25	1.25
Pink.....	.25	1.25
Stellata Splendens. Scarlet, with white eye..	.25	1.25
Choicest Mixed.....	.20	.80 3.00

## PHLOX—VARIOUS SORTS

	Oz.	1/4 lb.
Fine Mixed.....	.15	.60 2.25
Hardy ( <i>Decussata</i> ). Choice mixed.....	.30	1.75



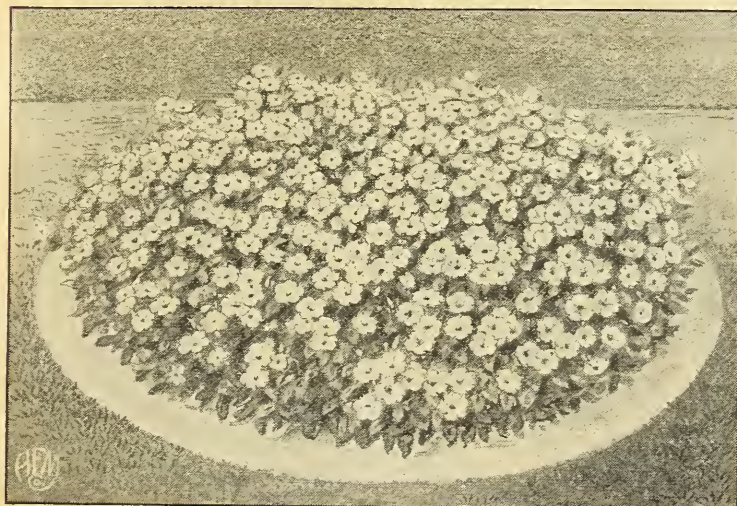


*Petunia, Grandiflora Fringed*

We call special attention to our Large Flowering strains of Petunias, which for size and brilliancy of coloring cannot be surpassed. Seeds are grown for us by specialists in this country and Europe.

## SINGLE FLOWERING

	$\frac{1}{2}$ Trade Pkt.	Trade Pkt.	
<b>California Giants.</b> Strong, robust plants; immense flowers of bright and desirable colors..... ( $\frac{1}{16}$ oz., \$3.00)	\$0.30	\$0.50	
<b>Dwarf Inimitable.</b> Of dwarf, compact habit; flowers striped and blotched.....	\$0.30	\$0.50	Oz. \$1.50
<b>Grandiflora Fringed.</b> Each petal of these giant flowers is delicately fringed; all colors mixed..... ( $\frac{1}{16}$ oz., \$2.50)	.30	.50	
<b>Monstrosus (Michell's).</b> Extra large flowers, many of which are elegantly fringed; the colorings, markings, veinings, blotches, etc., are superb; many of them have deep throats of various shades.....	.60	1.00	



*Petunia, Rosy Morn*

	$\frac{1}{2}$ Trade Pkt.	Trade Pkt.	Oz.
<b>Rosy Morn.</b> Dwarf, bushy plants, with brilliant rose-colored flowers with a white throat; one of the most popular bedding sorts.....	\$0.30	\$0.50	\$2.50

	$\frac{1}{2}$ Trade Pkt.	Trade Pkt.	Oz.
<b>Ruffled Giants.</b> Large flowers, finely ruffled and frilled at edges..... ( $\frac{1}{16}$ oz., \$3.00)	\$0.30	\$0.50	
<b>Snowball.</b> Dwarf; pure white.....	.30	.50	\$2.00
<b>Star.</b> A beautiful variety; crimson maroon flowers, each having a distinct five-pointed white star.....	.30	.50	1.50
<b>Choice Mixed.</b> Striped and blotched.....	.25	1.00	
<b>Fine Mixed.</b> All colors.....	.15	.75	

## PORTLAND PETUNIAS

For illustration and full description see novelty pages. Trade pkts. contain about 1000 seeds. Trade pkt.

<b>Elks' Pride.</b> Large size; deep royal purple.....	\$1.00	
<b>Irrington Beauty.</b> Flowers fringed; peach blossom color, with white throat.....	1.00	
<b>Pride of Portland.</b> Large, deep rose pink fringed flowers.....	1.00	
<b>Scarlet Beauty.</b> Flowers fringed; color, shading from cherry red to deep maroon.....	1.00	
<b>White Beauty.</b> Pure white flowers with finely fringed edges.....	1.00	



*Giant Flowering, Double Petunia*

## PETUNIA—DOUBLE FLOWERING

As the seed of the double varieties is obtained by hybridization it will not produce all double flowers, but the singles will be unusually fine. The weaker seedlings should receive great care, as they usually produce the finest double flowers.

**Double Fringed Mixed.** Superb colors and of mammoth size. Per 500 seeds, \$1.00; \$1.75 per 1000 seeds.  
**Double Fringed White.** Extra large. Per half trade pkt., 60c.; \$1.00 per trade pkt.

## PHYSOSTEGIA

	Trade Pkt.	Oz.
<b>Virginica.</b> Pink.....	\$0.20	\$0.75
<b>Virginica Alba.</b> White.....	.25	1.25

## PLATYCODON (Chinese Bell Flower)

A very desirable perennial; handsome for garden decoration; bell shaped flowers.

	Trade Pkt.	Oz.
<b>Grandiflorum, Blue.</b> .....	\$0.25	\$1.00
<b>Grandiflorum, White.</b> .....	.25	1.00

## POLYANTHUS (Primula Elatior)

Beautiful spring flowering hardy perennials, for pot culture or the garden.

	Trade Pkt.	Oz.
<b>Gold Laced.</b> Very showy.....	\$0.40	\$3.50
<b>Double Mixed.</b> .....	.50	
<b>English.</b> Single mixed.....	.25	\$2.00



# MICHELL'S "DISTINCTIVE" FLOWER SEEDS



*Oriental Poppy*

## POPPY

### DOUBLE ANNUAL VARIETIES

	Trade Pkt.	Oz.
Carnation Flowered. Mixed.....( $\frac{1}{4}$ lb., 50c.)	\$0.15	.25
Crimson King. Crimson.....	.15	.25
Fairy Blush. White, fringed and tipped with rose..	.15	.25
Mikado ( <i>Striped Japanese</i> ). White, striped crimson.	.15	.25
Paeony Flowered, Scarlet.....	.15	.25
“ “ White.....	.15	.25
“ “ Yellow.....	.15	.25
“ “ Mixed.....( $\frac{1}{4}$ lb., 50c.)	.15	.15
Improved Shirley, May Queen. An improved strain; large double flowers; mixed colors.....	.20	.75

### POPPY—SINGLE ANNUAL VARIETIES

Admiral. Pure white with scarlet edge.....	.15	.25
Danebrog. Scarlet with white spots.....	.15	.25
King Edward. Scarlet, shaded black.....	.15	.25
Miss Sherwood. Chamois rose.....	.15	.25
Shirley. Large flowers of many beautiful colors and shades.....( $\frac{1}{4}$ lb., 75c.)	.15	.25
Tulip. Glowing scarlet.....	.15	.40
Umbrosum. Rich vermilion.....	.15	.25

### POPPY—PERENNIAL VARIETIES

Giant Scarlet.....	.15	.50
Iceland ( <i>Nudicaule</i> ). White.....	.25	1.25
“ Yellow.....	.25	1.25
“ Single Mixed.....	.15	.75
Orientele. Deep scarlet.....	.15	.75
“ Mrs. Perry. Rich salmon pink.....	.40	3.00
“ Hybrids. Mixed colors.....	.25	1.25

## PORTULACA

Double. Large flowering, mixed; extra fine quality	.30	2.00
Single. Large flowering, mixed.....	.15	.40

## PUERARIA (*Kudzu Vine*)

Thunbergiana. Perennial climber; rosy purple pea-shaped flowers.....	.15	.40
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## PYRETHRUM

### FOLIAGE SORTS FOR BEDDING

Aureum ( <i>Golden Feather</i> ). Yellow foliage.....	.15	.40
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### PYRETHRUM—FLOWERING SORTS (Perennial)

Roseum. Pink.....	\$0.40	\$2.00
Uliginosum ( <i>Giant White Daisy</i> ).....	.40	1.25
Hybridum. Single mixed.....	.30	1.50
Hybridum. Double mixed.....( $\frac{1}{8}$ oz., \$1.00)	.50	



*Michell's Prize Chinese Primula*

## MICHELL'S "DISTINCTIVE" PRIMROSES PRIMULA CHINENSIS FIMBRIATA

We have a superb strain, grown for us exclusively by the best specialists in Europe. The plants are compact; individual and clusters of flowers immense; colors superb, and mostly fringed petals. Our strain cannot be surpassed.

	Trade Pkt.	Trade Pkt.
Alba Magnifica. White.....( $\frac{1}{32}$ oz., \$1.50)	\$0.60	\$1.00
Chiswick Red. Bright red.....( $\frac{1}{32}$ oz., \$1.75)	.60	1.00
Duchess. White with zone of rosy carmine, yellow eye.....( $\frac{1}{32}$ oz., \$1.75)	.60	1.00
Holborn Blue.....( $\frac{1}{32}$ oz., \$2.25)	.60	1.00
Kermesina Splendens. Crimson.....( $\frac{1}{32}$ oz., \$1.75)	.60	1.00
Rosy Morn. Pink.....( $\frac{1}{32}$ oz., \$2.25)	.60	1.00
Michell's Prize Mixture. This mixture contains only the very finest sorts selected from the best strains.....( $\frac{1}{16}$ oz., \$3.00)	.60	1.00

## PRIMULA OBCONICA

These are splendid pot plants for winter blooming. Trade Pkt.

Gigantea Alba. White.....( $\frac{1}{32}$ oz., \$2.00)	\$0.50
“ Kermesina. Crimson.....( $\frac{1}{32}$ oz., \$2.00)	.50
“ Lilacina. Pale lilac.....( $\frac{1}{32}$ oz., \$2.00)	.50
“ Rosea. Pink.....( $\frac{1}{32}$ oz., \$2.00)	.50
“ Hybrida. Mixed.....( $\frac{1}{32}$ oz., \$1.50)	.50
“ MONSTER. A large flowering strain grown by a specialist. Trade packets contain about 500 seeds.	
“ Apple Blossom. Soft pink.....	1.00
“ Kermesina. Deep crimson.....	1.00
“ Plathii. Brilliant deep rose.....	1.00
“ Rosea. Pink.....	1.00
Grandiflora Fimbriata. Fringed; mixed.....( $\frac{1}{32}$ oz., \$1.75)	.50
Grandiflora Vesuvius. Deep crimson.....( $\frac{1}{32}$ oz., \$2.50)	.50

## PRIMULA VARIOUS SORTS

Kewensis ( <i>Verbena Scented Yellow Primrose</i> ). Of strong growth; long spikes of yellow flowers.....( $\frac{1}{16}$ oz., \$1.25)	.50
Malacoides ( <i>Improved Baby Primrose</i> ). Color, light lilac.....( $\frac{1}{16}$ oz., \$1.00)	.50
Malacoides Alba. Pure white.....( $\frac{1}{16}$ oz., \$1.25)	.50
Malacoides Alba Plena. Double white. Per pkt., 60c.	
Malacoides Superba. Deep rosy pink flowers. Per pkt., 30c.	
Veris ( <i>Cowslip</i> ). Mixed.....(Oz., \$2.00)	.40
Vulgaris ( <i>English Yellow Primrose</i> ).....(Oz., \$2.50)	.40



# MICHELL'S GIANT FLOWERING PRIMULAS



Our strains of these are the very best obtainable; florists can build up a big trade on them.

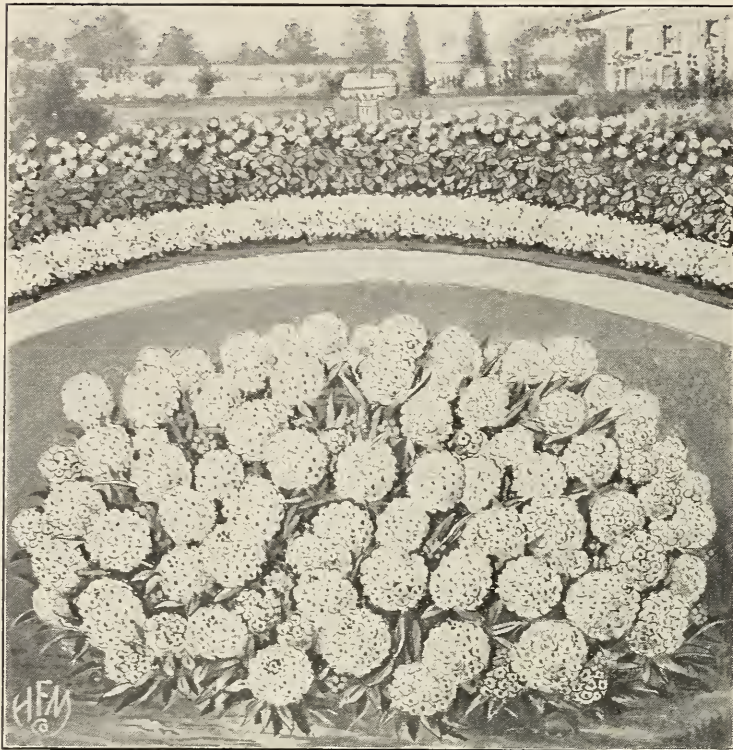
*Trade Pkt.*

1	Malacoides . . . . .	.50
2	Obconica Gig. Rosea . . . . .	.50
3	Obconica Kermesina, Monster . . . . .	1.00
4	Obconica Lilacina . . . . .	.50
5	Obconica Apple Blossom, Monster . . . . .	1.00
6	Obconica Vesuvius . . . . .	.50
7	Obconica Kermesina . . . . .	.50

See body of Catalog for Prices on Larger Quantities



# MICHELL'S SPECIALS FOR THE FLORIST



*Alyssum, Michell's Bouquet*

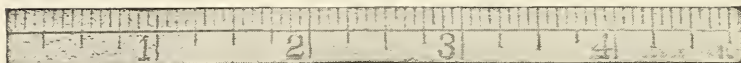
## ALYSSUM, MICHELL'S BOUQUET

This new variety is of exceedingly dwarf and compact growth, very free flowering, plants forming a perfect bouquet of miniature white flowers. A perfect gem for edging. The plants commence to bloom when quite small and continue until frost. Our stock is grown by a special grower and is extra fine.

Per trade pkt., 40c.; \$2.00 per oz.



*Zinnia, Giant Dahlia Flowered*



See pages 2 to 5 for other Novelties in Flower Seeds

## ASPARAGUS, PLUMOSUS NANUS

**We are Headquarters for True Greenhouse Grown Stock**

Our Seeds are absolutely fresh and of high germination; our greatly increased sales each season prove beyond a doubt the superiority of our stock.

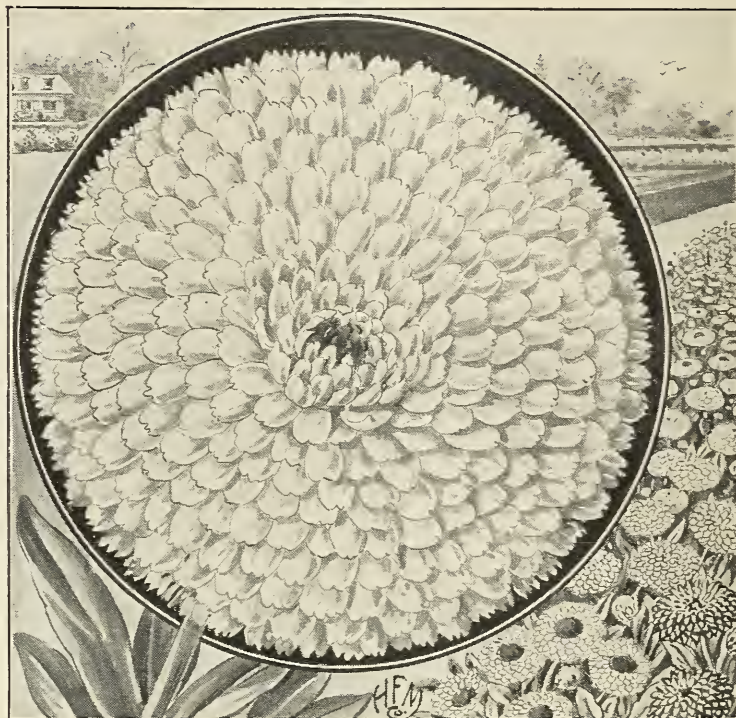
### Greenhouse Grown Seed

100 seeds.....	\$0.50	5,000 seeds.....	\$18.00
1,000 seeds.....	3.75	10,000 seeds.....	35.00

## CALENDULA

### MICHELL'S SPECIAL FORCING

The Calendula has of late years become very popular, not only as a bedding plant, but also for pot culture and for an inside cut flower proposition; it is one of the best sellers we have, especially during the winter and spring months. It is of easy culture under glass, requiring about the same temperature as carnations. We have an extra fine strain, grown for us by a very careful grower, seed being saved from plants producing large, perfectly double flowers. Color, rich orange yellow. Per trade pkt., 50c.; \$2.00 per oz.; ¼ lb., \$7.00.



*Calendula, Michell's Special Forcing*

## GIANT DAHLIA FLOWERED ZINNIA

The plants of this new race are very sturdy and produce an abundance of flowers with stout stems. The flowers of this new variety are distinct from the ordinary giant flowering class, being of a true Dahlia flowering type, and when cut and placed by Dahlias it is difficult to distinguish one from the other. The flowers often measure 4 inches in depth and 6 inches in diameter. The range of colors include many unusual shades. Mixed colors only. Per trade pkt., 40c.; \$2.00 per oz.; ¼ lb., \$7.50.

## ROBUSTA OR GIANT DOUBLE ZINNIAS

We have a very fine strain of the Giant Zinnias, a variety which is best for beds, borders or for cutting. Plants grow to a height of 2½ to 3 feet with immense, perfectly double flowers.

	Trade Pkt.	Oz.	¼ lb.
Crimson.....	\$0.30	\$1.00	\$3.50
Flesh Color.....	.30	1.00	3.50
Golden Yellow.....	.30	1.00	3.50
Purple.....	.30	1.00	3.50
Scarlet.....	.30	1.00	3.50
Sulphur Yellow.....	.30	1.00	3.50
Violet.....	.30	1.00	3.50
White.....	.30	1.00	3.50
Choicest Mixed.....	.20	.75	2.75



## RHODANTHE (Everlasting Flower)

	Trade Pkt.	Oz.
Double Pink. Fine for cutting; annual.....	\$0.25	\$1.00
Mixed Colors.....	.15	.60

## RICINUS (Castor Oil Bean)

	Oz.	1/4 lb.
There is always a good demand for these plants.		
Borboniensis. Green foliage; 15 feet.....	\$0.15	\$0.50
Cambodgensis. Bronzy maroon; 5 feet.....	.15	.50
Gibsoni. Dark red; 5 feet.....	.15	.50
Michell's Giant. Immense dark brown leaves; blue-powdered stems.....	.15	.50
Sanguineus. Blood-red stalks; 8 feet.....	.10	.30
Zanzibariensis. Large; various colors; 12 feet....	.15	.50
Mixed. All sorts..... (Lb., \$1.00)	.10	.30

## RUDBECKIA (Cone Flower)

Tall growing plants, flowering profusely all summer.

	Trade Pkt.	Oz.
Bicolor Superba. Yellow flowers, brown centre...	\$0.15	\$0.40
Newmani. Hardy perennial; yellow.....	.30	1.25
Purpurea (Giant Purple Cone Flower). Hardy perennial; reddish purple flowers.....	.25	1.25



Salvia, Bonfire

## SALVIA (Flowering Sage)

Much of the Salvia we offer has been saved from specimen plants grown at our own grounds at Andalusia, Pa. Seeds are plump, strong in germination and will give superior satisfaction.

	1/2 Trade Pkt.	Trade Pkt.	Oz.
America or Globe of Fire. An excellent variety of dwarf, bushy, compact growth; uniform in height and shape and literally aglow with large spikes of brilliant scarlet flowers from early in the season until late in fall..... (1/4 oz., \$1.25)	\$0.30	\$0.50	\$4.50
Azurea Grandiflora. Perennial; flowers sky blue.....	.30	1.75	
Bonfire (Clara Bedman). Medium dwarf; compact growth.....	.25	.40	2.50
Farinacea. A perennial variety, but best treated as an annual; color, light blue.....	.25	1.25	
Patens. Blue..... (1/2 oz., \$1.00)	.30	.50	
Splendens. The old-fashioned tall variety; bright scarlet.....	.25	1.50	
Zurich. Dwarf; intense scarlet flowers; early flowering.....	.30	.50	4.00

## SALPIGLOSSIS

Very showy annuals; excellent for cutting.

	Trade Pkt.	Oz.
Crimson and Gold.....	\$0.30	\$1.25
Primrose.....	.30	1.25
Purple and Gold.....	.30	1.25
Rose and Gold.....	.30	1.25
Scarlet and Gold.....	.30	1.25
White and Gold.....	.30	1.25
Choice Mixed.....	.20	.75
Emperor. Choice mixed; large flowering.....	.25	1.00

## SAPONARIA

Vaccaria. Annual; fine for cutting; flowers satiny pink.....	.15	.25
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Scabiosa, Grandiflora

## SCABIOSA (Mourning Bride)

	Trade Pk.	Oz.	1/4 lb.
Grandiflora, Azure Fairy. Light blue.....	\$0.15	\$0.60	\$2.25
" Cherry Red.....	.15	.60	2.25
" Crimson.....	.15	.60	2.25
" Flesh Pink.....	.15	.60	2.25
" King of the Blacks. Deep purple.....	.15	.60	2.25
" Pompadour. Purple and white..	.15	.60	2.25
" Rose.....	.15	.60	2.25
" White.....	.15	.60	2.25
" Choice Mixed.....	.15	.40	1.40
Dwarf Double Mixed.....	.15	.40	1.40
Caucasica. Perennial; lilac.....	.40	3.00	
Caucasica Alba. White.....	.40	3.00	
Japonica. Perennial; lavender blue.....	.15	.60	

## SCHIZANTHUS (Butterfly Flower)

	Trade Pkt.	Oz.
Garraway's Hybrids. A beautiful strain for greenhouse, containing a wide range of colors.....	\$0.50	
Hybridus Grandiflorus. Dwarf; mixed colors....	.20	\$0.75
Pink Beauty. A beautiful shade of rose pink. Pkt., 35c.; \$1.00 per 3 pkts.		
Wisetonensis. Various colors; fine for pots.....	.30	1.25
Mixed. All colors.....	.15	.30

## SENSITIVE PLANT (Mimosa)

Pudica. Flowers pinkish white.....	.15	.40
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## SHAMROCK

True Irish..... (1/4 lb., \$2.50)	.20	.75
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# MICHELL'S "DISTINCTIVE" STOCKS

Stocks are invaluable, and are one of the most profitable flowers to raise, provided you sow the right strains. For years we have made a specialty of supplying "Distinctive" strains, which are easily distinguished by their superior quality, strong germination and a remarkably small percentage of single flowers.

## MICHELL'S FLOWER MARKET STOCK

A branching stock of remarkable vigor of growth and size of bloom; produces its flowers evenly distributed over the stem and very early. A single plant will produce from 10 to 15 separate flower branches equally perfect.

	1/2 Trade Pkt.	Trade Pkt.	Oz.
Blood Red.....	\$0.30	\$0.50	\$2.50
Dark Blue.....	.30	.50	2.50
Flesh Pink.....	.30	.50	2.50
Light Blue.....	.30	.50	2.50
Rose Pink.....	.30	.50	2.50
White.....	.30	.50	2.50
Mixed Colors.....	.30	.50	2.25

## MICHELL'S EARLY FLOWERING "NICE" STOCK

A branching stock literally covered with blooms, which appear earlier than in any other strain. The colors are very distinct, so much so that they are not reproduced in any other strain.

	1/2 Trade Pkt.	Trade Pkt.	Oz.
Abundance. Dwarf, spreading habit; color carmine-rose.....	\$0.30	\$0.50	\$2.50
Beauty of Nice. Charming delicate pink. ....	.30	.50	2.50
Crimson King. Deep red.....	.30	.50	2.50
La Brillante. Rich brilliant crimson.....	.30	.50	2.50
Midsummer Night. Deep dark violet.....	.30	.50	2.50
Mont Blanc. Pure white.....	.30	.50	2.50
Monte Carlo. Canary yellow.....	.30	.50	2.50
Old Rose (New). Extra fine.....	.30	.50	3.00
Queen Alexandra. Delicate lavender.....	.30	.50	2.50
Choice Mixed. All colors.....	.30	.50	2.00

## LARGE FLOWERING DWARF TEN WEEK STOCK

For bedding there is nothing more effective; dwarf compact plants with fine spikes of double flowers. Our seed is selected from extra fine plants and will produce a large percentage of double flowers.

	1/2 Trade Pkt.	Trade Pkt.	Oz.
Blood Red.....	\$0.25	\$0.40	\$3.00
Crimson.....	.25	.40	3.00
Light Blue.....	.25	.40	3.00
Pink.....	.25	.40	3.00
Purple Violet.....	.25	.40	3.00
White.....	.25	.40	3.00
Yellow.....	.25	.40	3.00
Mixed.....	.25	.40	2.50

## SMILAX (*Myrsiphyllum Asparagoides*)

A desirable greenhouse climber of great value for floral decorations. Trade pkt., 15c.; 30c. per oz.; 1/4 lb., \$1.00; \$3.75 per lb.

## SNAPDRAGON. See *Antirrhinum*.

## SOLANUM

	Trade Pkt.	Oz.
Capsicastrum ( <i>Jerusalem Cherry</i> ). Scarlet berries..	\$0.15	\$0.40
Cleveland Cherry. A grand acquisition to this class of plants; grows more compact than the above, and produces the scarlet berries in greater profusion..	.50	5.00

## STATICE (*Everlasting Flower*)

	Trade Pkt.	Oz.
Latifolia. Perennial; large, deep blue flowers; valuable for cutting or decoration, either when fresh or in their dried state.....	.25	1.00
Sinuata "True Blue" (New). An annual variety with beautiful, rich navy blue flowers. See page 5. Pkt., 20c.; 50c. for 3 pkts.		

## STEVIA

Serrata. Fragrant white flowers.....	.25	1.00
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## STOKESIA (*Cornflower Aster*)

One of the most desirable hardy perennial plants for the border and excellent for cutting.

	Trade Pkt.	Oz.
Cyanea. Lavender blue.....	\$0.25	\$1.00
Cyanea Alba. Pure white.....	.30	1.75



Stock, Michell's Flower Market

## STOCKS (Various Sorts)

	1/2 Trade Pkt.	Trade Pkt.	Oz.
Brompton or Winter. Mixed.....	\$0.30	\$0.50	\$3.00
Dresden Perpetual (New). Lustrous carmine. ....	.30	.50	4.00
Mammoth Ten Week, Snowdrift (New). Snow-white; early flowering. Pkt., 40c.			
Princess Alice (Cut-and-Come-Again). Of branching habit; pure white.....	.30	.50	2.50
Virginian. Mixed.....		.15	.25

## STRAWFLOWER. See *Helichrysum*.

## SUNFLOWER (*Helianthus*)

### ANNUAL VARIETIES

	Trade Pkt.	Oz.
Chrysanthemum Flowered. Double yellow.....	\$0.15	\$0.25
Cucumerifolius ( <i>Miniature Sunflower</i> ). Single yellow.....	.15	.25
Cut-and-Come-Again. Single yellow.....	.15	.30
Dazzler (New). Rich chestnut red, tipped orange, with darker centre. Pkt., 30c.; 3 pkts., 80c.		
Double Globe ( <i>Globosus Fistulosus</i> ). Rich yellow...	.15	.25
Dwarf Double ( <i>Globe of Gold</i> ). Deep yellow.....	.15	.25
New Red. Extra large flowers; some are rich chestnut red, others tipped with yellow.....	.15	.50
Oscar Wilde. Single yellow, with black centre....	.15	.25
Russian. Large yellow; single.....		.05
Stella. Single yellow, black centre.....	.15	.25

### SUNFLOWER—PERENNIAL VARIETIES

Choice Mixed. Single flowered.....	.30	1.50
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### Testimonial

Abilene, Kan.

Our memorial crop of Stocks (seed purchased from your firm) were as fine as any we have ever seen.

M. B.



This type is distinguished from the grandiflora sorts by the enormous flowers, which are crinkled and wavy and from the fact that they usually bear four flowers on a stem. The plants are of robust growth and produce their flowers on long stems.



Spencer or Orchid Sweet Peas

Dear Sirs:

Pottsville, Pa.

Will you please send me your Seed Catalog for 1921. We had good results from your seeds last year, and wish to order more. Respectfully yours, Mrs. Charles W. Gwinner

## SPENCER or ORCHID VARIETIES

### BLUE AND PURPLE

	Oz.	¼ lb.	Lb.
Captain of the Blues Spencer. Standard purple, wings blue.....	\$0.25	\$0.85	\$3.00
Royal Purple. Rich purple.....	.25	.85	3.00
Wedgewood. A lovely self blue.....	.25	.85	3.00

### DEEP PINK OR ROSE

Apple Blossom Spencer. Rose and pink..	.25	.85	3.00
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### LAVENDER

Asta Ohn Spencer. Rich lavender.....	.25	.85	3.00
Flora Norton Spencer. Light lavender....	.25	.85	3.00
Florence Nightingale. Large; lavender...	.25	.85	3.00

### LIGHT PINK

Blanche Ferry Spencer. Pink and white..	.25	.85	3.00
Countess Spencer. Clear pink, shading deeper at the edge.....	.25	.85	3.00
Florence Morse Spencer. Delicate blush with pink margin.....	.25	.85	3.00
Henrietta. Light rose pink on a cream ground.....	.50	1.50	5.00
Hercules. Giant pure pink.....	.25	.85	3.00

### MAROON

King Manoel. Rich maroon.....	.25	.85	3.00
Othello Spencer. Deep maroon.....	.25	.85	3.00

### ORANGE AND SALMON

Helen Lewis. Orange pink.....	.25	.85	3.00
Illuminator. Rich, salmon pink.....	.25	.85	3.00
Margaret Atlee. Light salmon pink on cream ground.....	.25	.85	3.00
Mrs. Hugh Dickson. Salmon pink on cream ground.....	.25	.85	3.00

### PRIMROSE OR LIGHT YELLOW

Primrose Spencer. Light yellow.....	.25	.85	3.00
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### SCARLET

Fiery Cross. Large flowers; intense orange scarlet.....	.25	.85	3.00
King Edward Spencer. Crimson scarlet...	.25	.85	3.00
Vermilion Brilliant. Intense scarlet.....	.25	.85	3.00

### STRIPED OR FLAKED

Helen Pierce Spencer. White mottled light blue.....	.35	1.25	4.00
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### WHITE

Constance Hinton. Large white; black seeded.....	.25	.85	3.00
King White. Gigantic pure white flowers..	.25	.85	3.00
Nora Unwin. Large; pure white.....	.25	.75	2.50
White Spencer. Pure white.....	.25	.85	3.00

For Winter Flowering Spencer or Orchid Sweet Peas, see page 26

## GRANDIFLORA VARIETIES

On account of the greatly increased demand for the Spencer or Orchid flowered varieties, we have reduced our list of Grandifloras to only a few of the best sorts.

	Oz.	¼ lb.	Lb.
Blanche Ferry. Pink and white.....	\$0.10	\$0.30	\$1.00
Dorothy Eckford. Extra large white.....	.10	.30	1.00
Flora Norton. Delicate lavender.....	.10	.30	1.00
Hon. Mrs. E. Kenyon. Primrose yellow...	.10	.30	1.00
King Edward VII. Crimson scarlet.....	.10	.30	1.00
Lady Grisel Hamilton. Pale lavender....	.10	.30	1.00
Lord Nelson. Rich navy blue.....	.10	.30	1.00
Lovely. Soft shell pink.....	.10	.30	1.00
Miss Willmott. Deep orange pink.....	.10	.30	1.00
Othello. Dark maroon.....	.10	.30	1.00
Prima Donna. Soft pink.....	.10	.30	1.00

## SWEET PEAS IN MIXTURE

Michell's Superb Spencer. Blended from only the Giant Waved Spencer varieties, including a number of new hybrids of exquisite colors and shades..... (10 lbs., \$14.00)	\$0.15	\$0.45	\$1.50
Michell's Gilt Edge. Large flowering; represents every color and shade in sweet peas (10 lbs., \$5.00)	.10	.20	.60



EARLY OR WINTER FLOWERING  
SPENCER VARIETIES

<b>Asta Ohn.</b> Identical in color and size of blossom to the late flowering Asta Ohn; a fine lavender.....	Oz.	1/4 lb.	Lb.
	\$0.75	\$2.50	\$8.00
<b>Blue Bird.</b> A charming shade of blue.....	.75	2.50	8.00
<b>Cherry Ripe.</b> This might be described as a glowing cherry or salmon cerise.....	.75	2.50	8.00
<b>Daybreak.</b> Flowers much frilled or waved; color, rose pink on cream ground.....	.75	2.50	8.00
<b>Enchantress.</b> Bright rose pink, shading deeper toward the edges.....	.75	2.50	8.00
<b>Fire King.</b> Color, fire-red or cerise-scarlet, or it may be described as a deep orange scarlet.....	.85	3.00	10.00
<b>Heather Bell.</b> Flowers large and borne in threes and fours on long, stout stems. Color, a rich mauve lavender.....	.75	2.50	8.00
<b>Helen Lewis.</b> A fine shade of orange pink....	.75	2.50	8.00
<b>Hercules.</b> Flowers are of extra large size, of good substance and beautifully waved; color, soft rose pink.....	.75	2.50	8.00
<b>Illumination.</b> Flowers of large size; color, salmon-cerise, suffused orange.....	.85	3.00	10.00
<b>Lavender King.</b> Rich, true deep lavender throughout; of large size and well waved..	.75	2.50	8.00
<b>Lavender Pink.</b> Flowers very large.....	.75	2.50	8.00
<b>Liberty.</b> A rich, deep sunproof crimson. Flowers large and well waved.....	.75	2.50	8.00
<b>Mauve Beauty.</b> Color, a pleasing shade of rosy mauve; flowers large.....	.75	2.50	8.00
<b>Meadow Lark.</b> A rich cream variety; many of the flowers are duplexed, and borne in fours and threes.....	.75	2.50	8.00
<b>Melody.</b> Color rose pink on white ground; long stems and mostly four large, well waved blossoms to each stem.....	.75	2.50	8.00
<b>Morning Star.</b> Deep orange scarlet or flame color in standard, with rich orange pink wings.....	.75	2.50	8.00
<b>Mrs. A. A. Skaach.</b> Flowers very large; color, a beautiful clear bright pink.....	.75	2.50	8.00
<b>Mrs. M. Spanolin.</b> Black seeded; pure white; free bloomer.....	.75	2.50	8.00
<b>Mrs. William Sim.</b> Salmon pink.....	.75	2.50	8.00
<b>Othello (New).</b> Flowers large; color a beautiful maroon.....	1.00	3.50	12.00
<b>Pink Beauty.</b> Color, soft rose pink on white ground; richer toward edges.....	.75	2.50	8.00
<b>Pink and White.</b> Similar in color to Christmas Pink, but produces larger flowers on longer stems.....	.75	2.50	8.00
<b>Primrose Beauty.</b> Deep primrose flushed with rose; of large size.....	.75	2.50	8.00
<b>Red Orchid.</b> Bright, cherry red.....	.75	2.50	8.00
<b>Rose Queen.</b> One of the finest varieties. The flowers are borne on long stems, are of large size and free bloomers; usually four flowers are produced on a stem; color a most attractive shade of pink. Greenhouse grown seed..... (1/4 oz., \$1.00)	3.00	10.00	35.00
Outdoor grown seed.....	.85	3.00	10.00
<b>Sankey.</b> A black seeded, white variety.....	.75	2.50	8.00
<b>Snow Flake.</b> Large and of the best waved Spencer form. The pure white flowers are borne in wonderful profusion on long stems.....	.75	2.50	8.00
<b>Snowstorm.</b> One of the best early flowering white Sweet Peas to date; immense flowers usually borne in fours.....	.75	2.50	8.00
<b>Song Bird.</b> A pale pink variety.....	.75	2.50	8.00
<b>Songster.</b> An excellent variety; color, a pleasing lavender shade; flowers large....	.75	2.50	8.00

<b>Spring Maid.</b> A handsome variety; color, light pink on a cream ground.....	Oz.	1/4 lb.	Lb.
	\$0.75	\$2.50	\$8.00
<b>Venus.</b> Standard white, slightly blushed pink; wings white; free bloomer.....	.75	2.50	8.00
<b>Warbler.</b> Flowers large and beautiful in form; rich mauve purple.....	.75	2.50	8.00
<b>White Orchid.</b> Pure white.....	.75	2.50	8.00
<b>Yarrowa.</b> Flowers exquisitely waved, of large size, many of them being duplex or double. Color, a pleasing shade of bright rose pink with lighter wings.....	.75	2.50	8.00
<b>Zephyr.</b> A delightful shade of pale blue or lavender.....	.75	2.50	8.00
<b>Mixed, Winter Flowering Spencer.....</b>	.50	1.75	6.00

WINTER FLOWERING GRANDIFLORA  
SWEET PEAS

<b>Christmas Pink.</b> Pink and white.....	Oz.	1/4 Lb.	Lb.
	\$0.20	\$0.60	\$2.00
<b>Christmas White.....</b>	.20	.60	2.00
<b>Earliest of All.</b> Pink and white.....	.20	.60	2.00
<b>Lavender Nora.</b> A large flowering variety of the Unwin type.....	.20	.60	2.00
<b>Michell's Snowdrift.</b> Pure white; black seeded; extra early.....	.20	.60	2.00
<b>Mont Blanc.</b> Pure white.....	.20	.60	2.00
<b>Mrs. Alex. Wallace.</b> Lavender.....	.20	.60	2.00
<b>Mrs. F. J. Delansky.</b> Daybreak pink.....	.20	.60	2.00
<b>Mixed, Winter Flowering Grandiflora.....</b>	.15	.50	1.50

## SWEET ROCKET (Hesperis)

<b>Mixed.</b> Perennial; purple and white.....	Trade Pkt.	Oz.
	\$0.15	\$0.30

## SWEET SULTAN (Centaurea Moschatus)

<b>Mixed.</b> Annual; fragrant flowers, resembling "Bachelor's Buttons".....	.15	.40
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## SWEET WILLIAM (Dianthus Barbatius)

	Trade Pkt.	Oz.	1/4 lb.
<b>Auricula Flowered.</b> Single mixed.....	\$0.15	\$0.60	\$2.25
<b>Single Crimson.....</b>	.15	.50	1.75
<b>Single Pink Beauty.</b> Salmon pink.....	.30	1.25	4.50
<b>Single Scarlet Beauty.</b> Rich deep scarlet.....	.30	1.25	4.50
<b>Single Velvety Maroon.....</b>	.15	.50	1.75
<b>Single White.....</b>	.15	.50	1.75
<b>Single Mixed.</b> All colors.....	.15	.40	1.25
<b>Double Mixed.</b> All colors.....	.15	.60	2.25

## TAGETES

<b>Signata Pumila.</b> A fine bedding plant; flowers golden yellow.....	\$0.15	\$0.75
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## THALICTRUM

<b>Dipterocarpum.</b> Flowers rosy purple, with yellow anthers; perennial; fine for cutting.....	.50	3.00
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## THUNBERGIA (Black-Eyed Susan)

<b>Mixed.....</b>	.15	.60
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## TORENIA

<b>Fournieri Grandiflora.</b> Blue.....	.50	3.00
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## VALERIANA (Garden Heliotrope)

<b>Mixed.</b> Hardy perennial border plant, with large fragrant flowers.....	.15	.50
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## VINCA

An excellent bedding plant; seed should be sown early.

	Trade Pkt.	Oz.	1/4 lb.
<b>Alba.</b> White, with rose centre.....	\$0.15	\$0.75	\$2.75
<b>Alba Pura.</b> Pure white.....	.15	.75	2.75
<b>Rosea.</b> Pink.....	.15	.75	2.75
<b>Mixed.....</b>	.15	.60	2.25

## VIOLA CORNUTA (Tufted Pansies)

<b>Admiration.</b> Dark blue.....	.40	2.25
<b>Mauve Queen.</b> Lovely mauve color.....	.40	2.25
<b>Perfection.</b> Light blue.....	.40	2.50
<b>White Perfection.</b> Pure white.....	.40	2.50
<b>Mixed.</b> All colors.....	.30	1.75

## VIOLA (Scotch Bedding Pansies)

Produces larger flowers than the Cornuta varieties.

	Trade Pkt.	Oz.
<b>Golden Gem.</b> Yellow.....	\$0.40	\$2.25
<b>Lutea Splendens.</b> Yellow.....	.40	2.25
<b>Snowflake.</b> Pure white.....	.40	4.00
<b>Mixed.</b> From best-named Scotch varieties.....	.50	3.00

## VIOLET (Viola Odorata)

<b>Single Blue Czar.....</b>	.50	4.00
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Michell's Mammoth Fancy Verbenas

**MICHELL'S VERBENAS**

Our Mammoth Fancy Strain of this popular bedding plant cannot be excelled for its free flowering qualities, large size and purity of colors.

	Trade Pkt.	Oz.
Michell's Mammoth Fancy Blue	\$0.30	\$1.50
" " " Pink	.30	1.50
" " " Scarlet	.30	1.50
" " " Striped	.30	1.50
" " " White	.30	1.50
" " " Yellow	.30	1.50
" " " Mixed. (1/4 lb., \$4.50)	.30	1.25

**Royal Bouquet (New).** Compact, upright growing; flowers large with prominent eyes. See page 5.  
Pkt., 30c.; 80c. for 3 pkts.

**Mammoth Lucifer.** Large cardinal red flowers... .40 2.00

**New Giant Flowered Mixed.** A new variety of large size with extra large, white eyes... (1/4 lb., \$7.25) .50 2.00

**Mammoth Choice Mixed.**... (1/4 lb., \$3.50) .25 1.00

**Fine Mixed.**... (1/4 lb., \$2.75) .20 .75

**Lemon Scented (Aloysia Citriodora).**... .40 3.00

**VERONICA (Speedwell)**

A showy, hardy perennial border plant of easy culture; fine for bouquets.

**Spicata.** Blue... Trade Pkt. Oz. \$0.25 \$1.25



Zinnia, Giant Robusta

**WALL FLOWER**

	Trade Pkt.	Oz.
Double Brown	(1/4 oz., \$1.50)	\$0.40
" Yellow	(1/4 oz., \$1.50)	.40
" Mixed		.40 \$5.00
Paris Extra Early. Single flowering; blooms the first year from seed; excellent for forcing.		
Paris Extra Early Blood Red	.15	.50
" " " Yellow	.15	.50
" " " Mixed	.15	.40
Single Mixed	.15	.25

**XERANTHEMUM (Everlasting Flower)**

Double Mixed. Annual, for winter bouquets... .15 .50

**MICHELL'S "DISTINCTIVE" ZINNIAS**

We claim perfection in form, size and color for our strain of Zinnias, as those who grow them will attest. Trade Pkt. Oz. 1/4 lb.

Dwarf Double Crimson	\$0.15	\$0.50	\$1.75
" " Pink	.15	.50	1.75
" " Salmon Rose	.15	.50	1.75
" " Scarlet	.15	.50	1.75
" " White	.15	.50	1.75
" " Yellow	.15	.50	1.75
" " Mixed	.15	.40	1.50
Tall Double Crimson	.15	.50	1.75
" " Pink	.15	.50	1.75
" " Scarlet	.15	.50	1.75
" " White	.15	.50	1.75
" " Yellow	.15	.50	1.75
" " Mixed	.15	.35	1.25

**ROBUSTA OR GIANT ZINNIAS**

Crimson	.30	1.00	3.50
Flesh Color	.30	1.00	3.50
Golden Yellow	.30	1.00	3.50
Purple	.30	1.00	3.50
Scarlet	.30	1.00	3.50
Sulphur Yellow	.30	1.00	3.50
Violet	.30	1.00	3.50
White	.30	1.00	3.50
Choicest Mixed	.20	.75	2.75

**VARIOUS ZINNIAS**

Curled and Crested. Double mixed	.15	.60	2.25
Giant Dahlia Flowered. Extra large flowers of a true Dahlia flowering type; mixed colors	.40	2.00	7.50
Giant Picotee, Golden Pheasant. A new and distinct variety; desirable for bedding or cutting; color, gold ground, each petal tipped with maroon	.50	2.50	
Giant Picotee. Large double flowers; mixed	.40	2.00	
New Buttercup. An attractive variety; rich, deep buttercup yellow	.30	1.50	
Red Riding Hood. Miniature flowers, perfectly double; color, bright scarlet	.15	.60	

**MIXED OR WILD FLOWER GARDEN SEED**

A mixture containing a large number of varieties of easy growing and interesting flowers. Lb., \$1.25; 15c. per oz.



# MICHELL'S VEGETABLE SEED SPECIALTIES

## FOR MARKET GARDENERS

In line with our usual custom, we have taken from our general list certain specially meritorious varieties of vegetable seeds, to which we call, on this and the 3 succeeding pages, special attention. Planters will do well to include these sorts in their seed order.

### BEAN

#### Dwarf Green Pod Masterpiece

This is a large flat podded variety especially suited for growing under glass, though it may be planted successfully out of doors; a very quick grower; plants robust; and very prolific; the pods are long and very tender. 30c. per lb.; 2 lbs., 55c.; \$1.35 per 5 lbs.; 10 lbs., \$2.50; \$6.00 per 25 lbs.; 100 lbs., \$21.00.

#### NEW BUSH LIMA BEAN WILSON'S IMPROVED

Claimed to be 2 weeks earlier than Burpee's Improved Bush Lima, surely a most important feature in any lima bean, because it is from the early maturing garden products, money, or at least the most of it, is made. It is also much more prolific than the Burpee's Improved, though the pod or the bean is not quite so large, the latter we believe to be rather an advantage. It is our belief that when this variety is properly known it will meet with general favor. Be sure and plant a supply of them if you want the latest in bush limas. 40c. per lb.; 2 lbs. for 75c.; \$1.70 for 5 lbs.; 10 lbs., \$2.80; \$6.00 for 25 lbs.; 100 lbs. for \$22.50.

### BEET

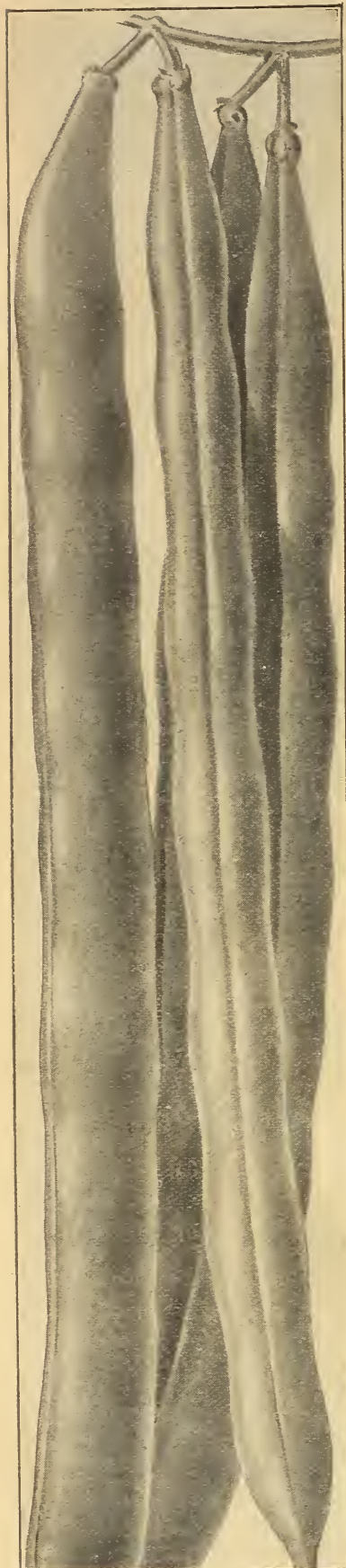
#### DETROIT DARK RED (Michell's Special Strain)

A selected strain grown for us by a very careful grower. An early, globe-shaped variety; good size, smooth and handsome and of a dark blood red color; the flesh is deep vermillion red, zoned with a lighter shade of the same color; of excellent quality, and a desirable sort for canning. Suitable for fall use as well as for spring. 10c. per oz.;  $\frac{1}{4}$  lb., 30c.; \$1.00 per lb.; 5 lbs., \$4.50.

### BEET

#### Michell's "Winter Keeper"

This grand new beet is almost globe shaped, tapering slightly toward the root. The dark blood red flesh is always tender. The hard, stringy, woodenlike substance, so common in many varieties, is entirely absent in this sort. It is ideal as a late summer cropper, or for use during winter and spring, until new beets are on the market again. 25c. per oz.;  $\frac{1}{4}$  lb., 75c.; \$2.25 per lb.; 5 lbs., \$10.00.



Bean, Masterpiece



Bean, Wilson's Improved Bush Lima

All Seeds on this page mailed postpaid at quoted prices, excepting Beans; if desired by mail allow postage for these.





# MICHELL'S VEGETABLE SEED SPECIALTIES

## FOR MARKET GARDENERS

29



*Celery, Easy Blanching*

### CELERY

"Easy Blanching"

PRIVATE STOCK,  
PENNA. GROWN

This is a very much improved type of Easy Blanching Celery, being superior in many ways. The flavor is delicious; the stalk very large and fine grained; the color all that can be desired. Plants set out in June are fully matured and ready for market in the early part of September, therefore making it a very profitable sort for the market gardener. Our stock of this is grown by one of the leading market gardeners of Luzerne County, who has made a specialty of celery for many years and is carefully selected for type and quality. Every grower of celery should include this in his list.

Our stock is especially fine. \$1.25 per oz.;  $\frac{1}{4}$  lb., \$4.00; \$15.00 per lb.

### NEW SWEET CORN, "Sugar Kernel"

This variety originated in the garden of one of our customers in the Spring of 1919, and it was discovered by the gardener to be so entirely distinct from the balance of the planting, that he marked it and tested it for sweetness and eating qualities and found it to be very distinct.

One of its peculiar features is that it may be eaten free or entirely clear of the cob and it appears to be so very free from the usual strong covering over the kernel, in the case of this variety, that the covering seems hardly discernible while it is being eaten.

Being pleased with this discovery the gardener saved the balance for seed purposes and made a test of it during 1920, planting it on April 20th, together with varieties Early Maine, and Golden Bantam, the results were that the Early Maine matured on July 12th, the Golden Bantam, July 15th, and the Sugar Kernel on July 15th. It is apparent that it is as early as the Golden Bantam, yet especially desirable for late maturity and is far superior in point of test than any other brand of Corn he had been growing. It is a most desirable Corn for early or late.

The gardener who originated this variety and gives us this description states he has been growing Sugar Corn for twenty years and without the possibility of a doubt it is the best Corn he has ever had any experience with. The ears are cylindrical, medium size and often two ears on a stalk.

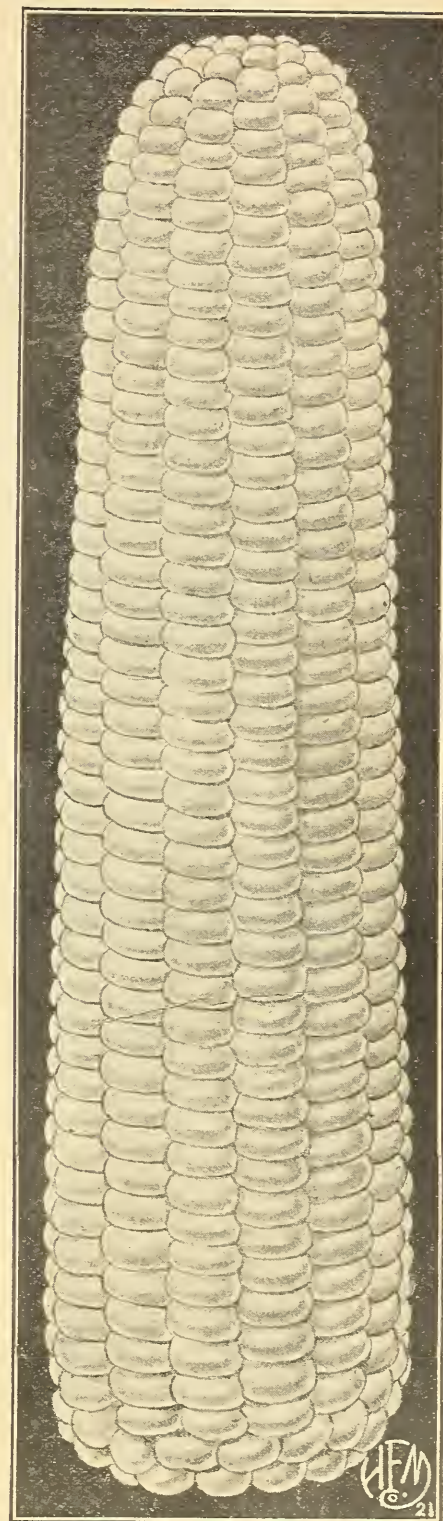
We take pleasure in recommending this as one of the best varieties that has been introduced in late years. Very unfortunately we cannot say what this is a cross between, it seems to be a strain in the planting of varieties of which the gardener did not keep a record, but after two years of experiment there is no question but what it is a distinct sort. 45c. per lb.; 2 lbs., 80c.; \$1.85 per 5 lbs.; 10 lbs., \$3.50; \$7.50 per 25 lbs.; 50 lbs., \$13.50; \$25.00 per 100 lbs.

### WASHINGTON ASPARAGUS (Rust Proof)

This new high yielding pedigreed rust resistant Asparagus is the result of 13 years of careful scientific breeding by the Bureau of Plant Industry.

The shoots are usually dark green with a rich purple tinge, with a clean straight growth and of the finest market type, with a tight pointed bud and not branching out until well beyond the market height.

The shoots are very large on the average and the high branching habit of this strain makes it possible to cut unbranched shoots with good tight buds as much as two feet long. The branches of the mature shoots after they grow up are much less spreading than those of ordinary asparagus. Other strains should not be mixed in with Washington Asparagus and sold as the new stock, neither should the grower lose the advantage to be gained by selling the new kind separately under its own name. 2-year old roots, 50c. per doz.; per 100, \$2.50; \$20.00 per 1000.



*Sweet Corn, Sugar Kernel*

### SUGAR CORN—Golden Giant

This corn has been widely advertised by the originator, Dr. De Lue, of Boston, and its sale was phenomenal, with much satisfaction following. The ear is about 11 inches long, well filled out from butt to tip, and very symmetrical. Deep golden yellow ears and plant much larger than Golden Bantam, while it is also in some localities earlier. The kernels are staged regularly on the cob, and are fairly large. It is easily eaten from the cob, the taste is excellent, and, considering the fact that it is a heavy yielder, we would regard it as a very good variety. 35c. per lb.; 2 lbs., 60c.; \$1.40 per 5 lbs.; 10 lbs., \$2.60; \$6.00 per 25 lbs.; 50 lbs., \$11.00; \$20.00 per 100 lbs.

**Wizard Brand Sheep Manure**  
Unequalled for vegetable growing. See 4th cover page.

ALL PRICES SUBJECT TO MARKET CHANGES

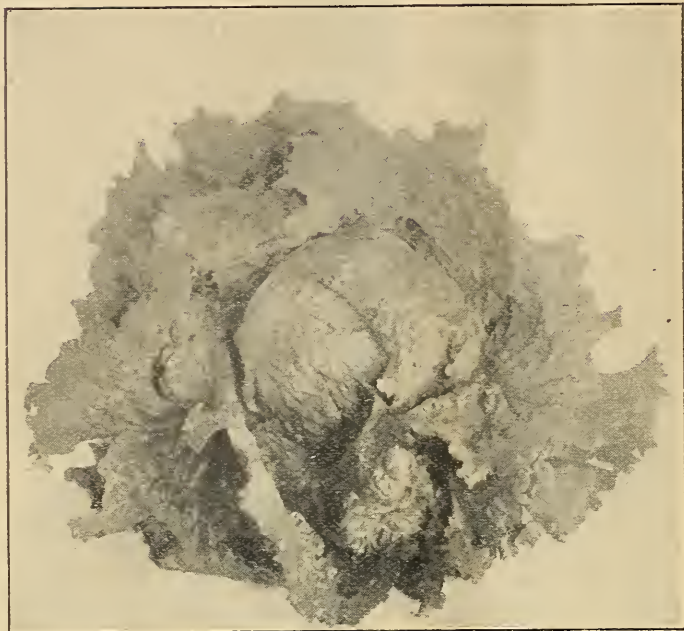
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# MICHELL'S VEGETABLE SEED SPECIALTIES

## FOR MARKET GARDENERS

All seeds on this page mailed  
postpaid at quoted prices.



*New York or Wonderful Lettuce*

### LETTUCE, New York or Wonderful

This variety is also referred to as Los Angeles Lettuce, because it is shipped in such large quantities from that district to the Philadelphia and other Eastern markets; from one growing point and shipping station alone during one winter over 70 carloads were shipped to New York City. This is the lettuce that has for the past few years been in great demand, especially during the late winter and early spring months; its gigantic heads when the outer leaves are removed are almost white; very solid and as it grows in California apparently is without any trace of bitter taste. We have experimented with several varieties to determine definitely what this California variety was and found it to be as above offered. It does best in the latitude of Philadelphia as an early spring and a late autumn crop; while not quite as fine as it grows in California it is, nevertheless, lettuce which deserves greater recognition than it has heretofore received. Every market gardener should grow a quantity of it as it will find a ready sale, being already popularized by reason of its wide distribution during the past few years. We offer an unusually fine strain of seed, selected from specimen heads. 15c. per oz.;  $\frac{1}{4}$  lb., 50c.; \$1.50 per lb.

### ONION, Michell's White Bermuda

Many people who garden like to sow onion seed that will produce a full-sized onion the first season. The White Bermuda variety combines this feature, in addition to being extremely large, mild-flavored and of wonderful uniformity. For boiling, eating raw on sandwiches, or as garnishing on green salads, it is unquestionably good. Seed should be sown in a bed thinly. When 3 or 4 inches high, transplant the seedlings in rows about  $1\frac{1}{2}$  feet apart and about 4 or 5 inches apart in the row. A dull day is best for this, when the soil is moist, to insure the seedlings establishing themselves readily. Prior to planting the top should be nipped off, so that the plants will stand about  $2\frac{1}{2}$  inches high. This variety, like all onions, delights in rich soil. They should be well cultivated during the growing period, and when the seed heads appear the plant should be bent over to develop the bulb. 35c. per oz.;  $\frac{1}{4}$  lb., \$1.15; \$4.00 per lb.

### ONION, Prizetaker

A very handsome main crop variety of the largest size and nearly globular in form. Grown under ordinary conditions, this onion will produce specimens averaging 2 lbs. and more in weight and 4 to 5 inches in diameter. The color is light straw yellow; mildly flavored; a splendid keeper for winter use. If sown thinly, it produces full size onions in one season from seed. It keeps well if thoroughly ripened and is very desirable for shipping for early fall and winter use. 15c. per oz.;  $\frac{1}{4}$  lb., 45c.; \$1.50 per lb.; 5 lbs., \$6.50.



### MUSK MELON, Michell's Delicious

This variety deservedly enjoys a good name; it is one of the very large irregular pumpkin-shaped melons with a smooth silver gray rind. The flesh is very deep orange salmon and represents most of the melon, as the seed space is very small with but few seeds. A melon like this is frequently enough for a family of three or four. 85c. per oz.;  $\frac{1}{4}$  lb., \$2.75; \$10.00 per lb.



*Michell's White Bermuda Onion*

### Testimonial

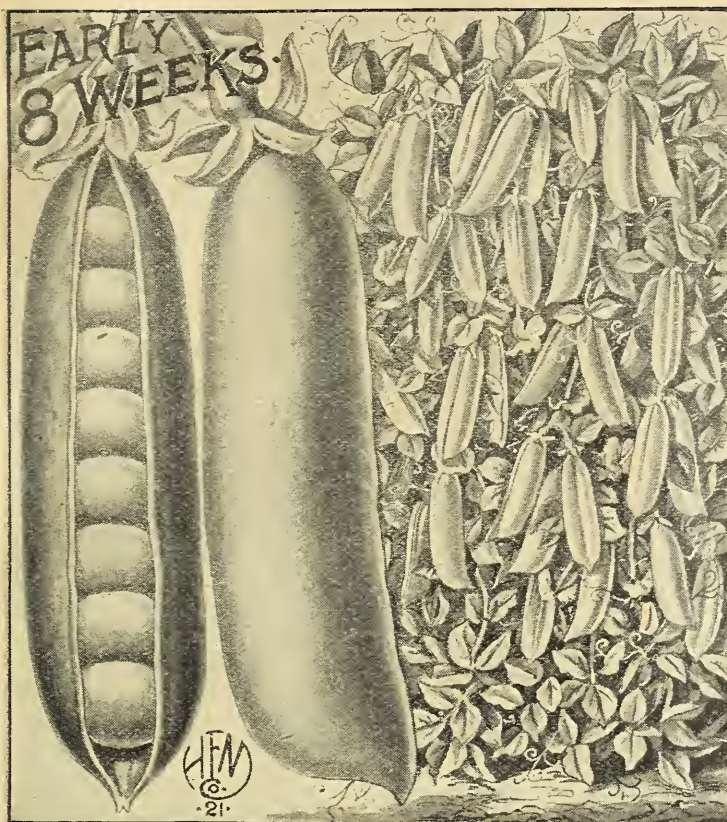
Richboro, Pa.

We gave your "Delicious" Muskmelon a trial last year and were quite successful with it. Some of the fruits weighed 12 lbs. each.

BENSON BROS.



## FOR MARKET GARDENERS

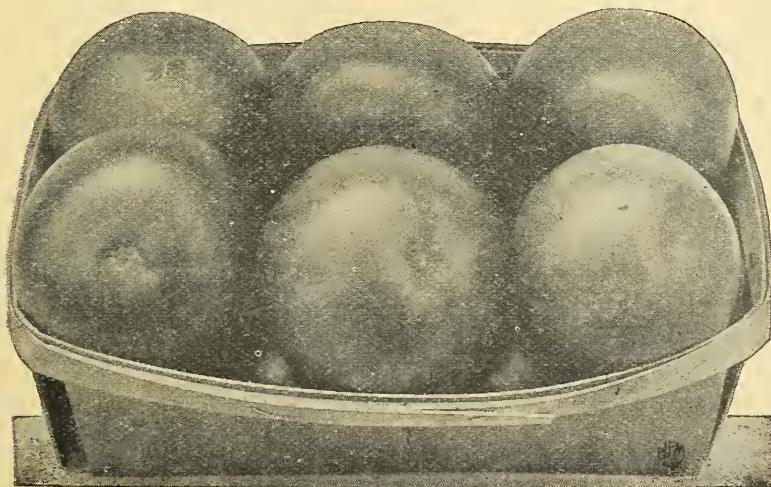


### PEAS, EXTRA EARLY EIGHT WEEKS

This is one of the earliest dwarf Peas in cultivation. They usually grow to a height of from 12 to 15 inches; on account of their dwarf habit they can be planted closer than most other varieties, yielding a greater quantity of peas from a comparatively small space of ground than from almost any other variety. The pods are of medium size and well filled with peas of extra fine quality. 40c. per lb.; 2 lbs., 75c.; \$1.65 per 5 lbs.; 10 lbs., \$3.00; \$7.00 per 25 lbs.; 100 lbs., \$25.00.

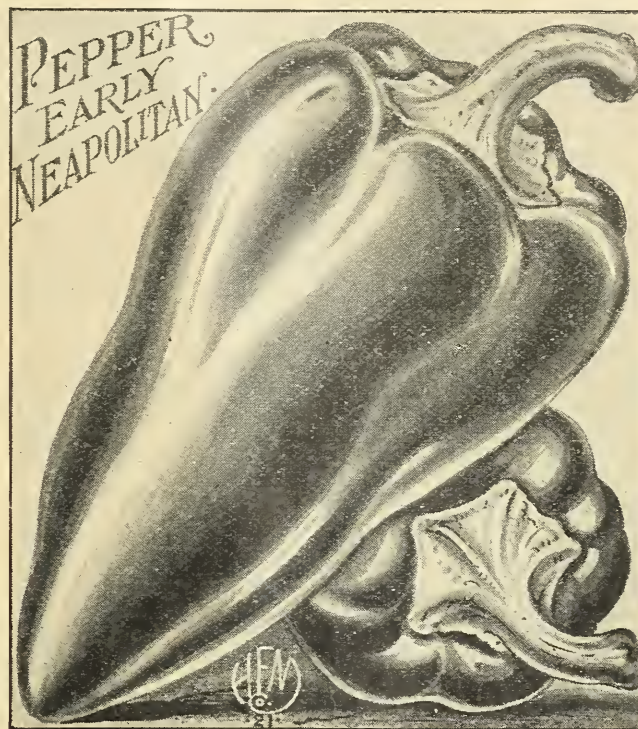
### PEA, LAXTONIA

A grand early dwarf Pea. The pods are large and produced on sturdy vines about 18 inches high; the pods are well filled with large, luscious peas. It is ready for use about a week later than the very early sorts, and is incomparably good in quality. 35c. per lb.; 2 lbs., 60c.; \$1.35 per 5 lbs.; 10 lbs., \$2.50; \$5.50 per 25 lbs.; 100 lbs., \$20.00.



Tomato, Michell's Early Red Wonder

All Seeds on this page mailed postpaid at quoted prices, excepting Peas; if these are desired by mail allow for postage.



### PEPPER, EARLY NEAPOLITAN

The earliest and sweetest of all large fruited varieties. The strong vigorous plants are completely laden with long handsome fruits and bear continuously until frost. The peppers grow upright until they become so heavy that their own weight turns them down. The skin and flesh are bright red when ripe; thick meaty, sweet and mild. For market gardeners and pickling establishments it is of great value. 40c. per oz.; ¼ lb., \$1.25; \$4.50 per lb.

### TOMATO MICHELL'S EARLY RED WONDER

Extremely Solid.

Uniform in Shape.

Beautiful Color.

A Sure Winner.

This variety is the result of a cross between "My Maryland" and "Magnificent," having originated with Mr. W. E. Vail, of Yorktown Heights, Westchester Co., N. Y. He has been watching it for a number of years, and finally thinking so well of it he asked us if we would not place it on the market, with the right to name it, which we have done, and we believe the name does it justice. The fruits are fairly large, extremely solid and of a beautiful "tomato red" color. It is a shy seeder, therefore very solid. It is a wonderful market variety, being uniform in shape and in fact it possesses about every good attribute that a tomato can have. It is medium early (not extra early) but a winner and we know you will like it. It is a tomato we believe can be successfully grown anywhere that tomatoes will grow. Since we have offered this new variety to our customers we have received numerous testimonials of the good results obtained from this variety. 40c. per oz.; ¼ lb., \$1.35; \$5.00 per lb.

#### Testimonial

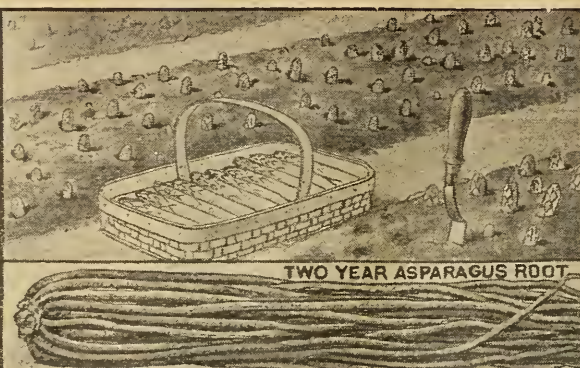
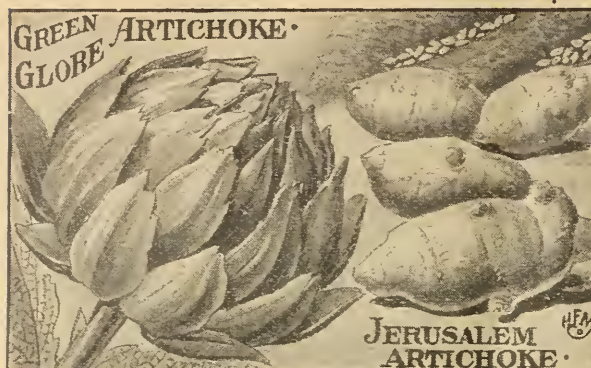
Dorothy, N. J.

Regarding the New Early Red Wonder Tomato, I have never grown a tomato of more uniform size and sterling quality, either in the field or under glass. The fruit are the largest I have ever forced.

H. K. LEWIS.

Wizard Brand Sheep Manure. Unequalled for vegetable growing under glass and in the open field.





Seeds only on this page mailed postpaid at prices quoted.

### ANISE (Herb)

10c. per ½ oz.; oz., 15c.; 50c. per ¼ lb.; lb. \$1.50.

### ARTICHOKE

Artichaut (Fr.); Artichoke (Ger.); Articiocca (Ital.). One ounce will produce about 500 plants.

Sow seeds in January in the greenhouse or in hotbeds in March. Transplant to the open ground in May in rows 3 feet apart, 2 feet apart in the row. Seed may also be sown outdoors in May and transplanted in June. Cultivate when growing, freely, and protect the plants in winter by putting them in a cellar or cold frame; or they may be left outdoors protected by straw.

Green Globe. Per oz., 25c.; 85c. per ¼ lb.; lb., \$3.00.

### ARTICHOKE PLANTS (Ready in April)

Green Globe. We grow a large stock of these, for those who do not care to bother with them from seed; thus assuring an early crop. Pot grown. \$1.50 per doz.; per 100, \$10.00.

### ARTICHOKE ROOTS (Ready in April)

Jerusalem. Sometimes called the American Artichoke. Used for table and stock feeding. Cut the tubers to single eyes and plant them like potatoes 3 to 4 feet apart each way, placing three or four tubers in a hill. Leave the tubers in the ground and dig them as wanted; they are hardy. 20c. per qt.; peck, \$1.00; \$3.50 per bu. of 60 lbs.

### ASPARAGUS

Asperge (Fr.); Spargel (Ger.); Sparagio (Ital.). Sow 5 lbs. per acre for roots, or 1 oz. to 100 ft.

Asparagus grows easily in almost any good soil; best results are obtained in well-enriched, deeply-dug, sandy loam. A well-cared for bed improves with age and lasts for many years. It may be established from seed, but much time is saved by planting roots. Seed should be sown thinly in early spring in rows 1 foot apart. Thin out the weakest plants so the remainder will be 4 inches apart. When 1 year old transplant in the permanent bed in rows 3 ft. apart, setting the roots 1 ft. to 1½ ft. apart, from where they can be cut three years later.

Michell's Giant Argenteuil (Special Strain). We find this variety excels both from a point of productiveness, tenderness, earliness and resistance to diseases. In size it is a giant. A marketable shoot or spear is often two inches in diameter and 12 inches long, of which every part when boiled is tender and delicious. It is the one variety that succeeds well in all soils and climates. Color, pure white, with a greenish purple tip. 10c. per oz.; ¼ lb., 20c.; 65c. per lb. Barr's Mammoth. A variety producing heavy, stout spears, of delicious flavor. Remains green when cooked. A very popular sort. 10c. per oz.; ¼ lb., 20c.; 65c. per lb.

Conover's Colossal. A prolific sort, similar to Barr's Mammoth, but the stalks are a trifle larger and lighter in color. 10c. per oz.; ¼ lb., 20c.; 65c. per lb.

Palmetto or Eclipse. One of the earliest, producing uniform stalks; prolific. Color, green. 10c. per oz.; ¼ lb., 20c.; 65c. per lb.

### ASPARAGUS ROOTS

(Ready after March 1st)

4000 to 6000 roots required for an acre. We make a specialty of Asparagus Roots, having them grown for us in large quantities. Special prices can be quoted in large lots.

	2 Year Old Roots	
	100	1000
Barr's Mammoth.....	\$1.25	\$10.00
Conover's Colossal.....	1.25	10.00
Giant Argenteuil.....	1.25	10.00
Palmetto or Eclipse.....	1.25	10.00
	3 Year Old Roots	
	100	1000
Barr's Mammoth.....	\$1.50	\$12.50
Conover's Colossal.....	1.50	12.50
Giant Argenteuil.....	1.50	12.50
Palmetto or Eclipse.....	1.50	12.50

### ACCESSORIES TO ASPARAGUS GROWING

Asparagus Tape. Fast cherry-red color, waterproof; in 1000-yard spools. Per spool, \$4.00.

Raffia. Ideal for tying asparagus in bunches, in a neat and economical manner.

Natural color, 20c. per lb.; 5 lbs., 90c.

Green. 85c. per lb.; 5 lbs. for \$4.00.

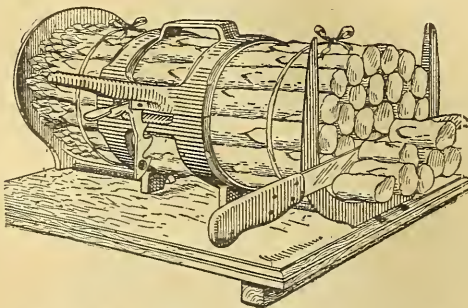
Raffia Tape. A linen and paper composition in 250-yard spools; Nile green color. 90c. per bolt; 6 bolts, \$5.00.

Jute Twines. For tying asparagus, 2 and 3 ply; in balls, soft and pliable. Price upon application.



### ASPARAGUS KNIVES

No. 45. Bateman's (see center cut).....	\$0.55
Fig. 399. American. No. 3. V-shaped blade, short handle.....	.60
Fig. 399. American. No. 3. V-shaped blade, long handle.....	.65

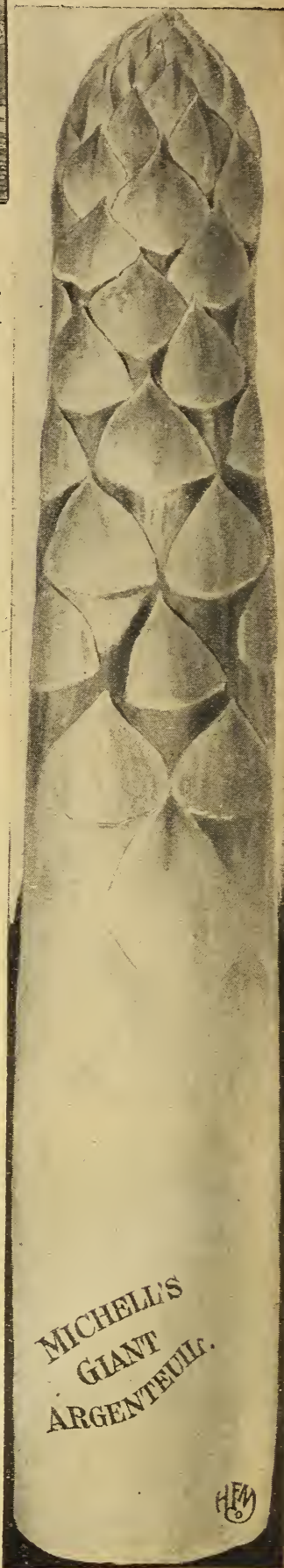


### ASPARAGUS BUNCHER

It pays to use a buncher. Asparagus is quickly tied and looks uniform. With Knife Guard, \$3.00. P. P. Wt., 7 lbs.

### BASIL (Sweet) Herb

15c. per ½ oz.; oz., 25c.; 75c. per ¼ lb.; lb., \$2.50.



MICHELL'S  
GIANT  
ARGENTEUIL.



# MICHELL'S DWARF BEANS

33

**Haricots Nains (Fr.); Buschbohnen (Ger.); Fagioli Nani (Ital.).**  
Plant 90 lbs. per acre. 2 lbs. will plant 100-ft. row. If desired by mail, allow for postage.

## GREEN-PODDED VARIETIES

**Black Valentine.** Pods very long and slender, semi-round and well flavored, slight string when old. 30c. per lb.; 2 lbs., 55c.; \$1.10 per 5 lbs.; 10 lbs., \$2.00; \$4.50 per 25 lbs.; 100 lbs., \$17.00.

**Early Mohawk.** This variety can be planted before any other sort, being quite hardy; large cropper; flat pod. 30c. per lb.; 2 lbs., 55c.; \$1.10 per 5 lbs.; 10 lbs., \$2.00; \$4.50 per 25 lbs.; 100 lbs., \$17.00.

**Extra Early Refugee.** An extremely early fleshy, saddle-back-pod variety. 30c. per lb.; 2 lbs., 55c.; \$1.10 per 5 lbs.; 10 lbs., \$2.00; \$4.50 per 25 lbs.; 100 lbs., \$17.00.

**Full Measure.** A prolific stringless variety, of excellent quality. Pods long, round, firm and tender; and remain fit for use many days after maturity. A most valuable and promising variety. 30c. per lb.; 2 lbs., 55c.; \$1.25 per 5 lbs.; 10 lbs., \$2.40; \$5.25 per 25 lbs.; 100 lbs., \$20.00.

**Mammoth Stringless.** An improvement on Burpee's Stringless Green Pod; early, round pod, free from string and, while not so prolific, makes a much larger pod. 30c. per lb.; 2 lbs., 55c.; \$1.25 per 5 lbs.; 10 lbs., \$2.20; \$5.00 for 25 lbs.; 100 lbs., \$18.00.

**Masterpiece.** This is a large flat podded variety especially suited for growing under glass, though it may be planted successfully out of doors; the pods are long and handsome and it is very prolific. 30c. per lb.; 2 lbs., 55c.; \$1.35 per 5 lbs.; 10 lbs., \$2.50; \$6.00 per 25 lbs.; 100 lbs., \$21.00.

**Red Valentine (Michell's Improved).** A carefully selected stock of this well-known variety; it is one of the earliest sorts, maturing often in 45 to 50 days. 30c. per lb.; 2 lbs., 55c.; 5 lbs., \$1.10; \$2.00 per 10 lbs.; 25 lbs., \$4.50; \$17.00 per 100 lbs.

**Stringless Green Pod (Michell's Improved Strain).** When the pod has become quite old, it still retains its stringless qualities. Its extreme earliness, prolific and continuous bearing qualities and superior flavor are remarkable. Can be planted successfully through the season. The leading sort for market garden. 30c. per lb.; 2 lbs., 55c.; 5 lbs., \$1.25; \$2.40 per 10 lbs.; 25 lbs., \$5.25; \$20.00 per 100 lbs.

**Stringless Forcer.** For culture under glass or for outdoor planting; the pods are long, slender, and round in shape; it grows dwarf and compact, and is a heavy yielder. 35c. per lb.; 2 lbs., 65c.; \$1.35 per 5 lbs.; \$2.50 per 10 lbs.; 25 lbs., \$6.00; \$22.00 per 100 lbs.

**Triumph of the Frames.** For forcing under glass, or for outdoor planting; very early; plants dwarf and compact; produce a mass of long, pale green pods of excellent quality. 50c. per lb.; 2 lbs., 95c.; \$2.25 per 5 lbs.

## WAX OR YELLOW-PODDED VARIETIES

These should not be planted quite as early as the green varieties. They being more tender are liable to rot.

**Black Wax (Pencil Pod Strain).** A round podded, hardy sort; entirely stringless; very early and desirable. 30c. per lb.; 2 lbs., 55c.; \$1.25 per 5 lbs.; 10 lbs., \$2.20; \$5.00 per 25 lbs.; 100 lbs., \$18.00.

**Currie's Rust Proof Wax.** An improved type; extra early; a tremendous yielder, with long, thick, flat pods. 30c. per lb.; 2 lbs., 55c.; \$1.10 per 5 lbs.; 10 lbs., \$2.00; \$4.50 per 25 lbs.; 100 lbs., \$17.00.

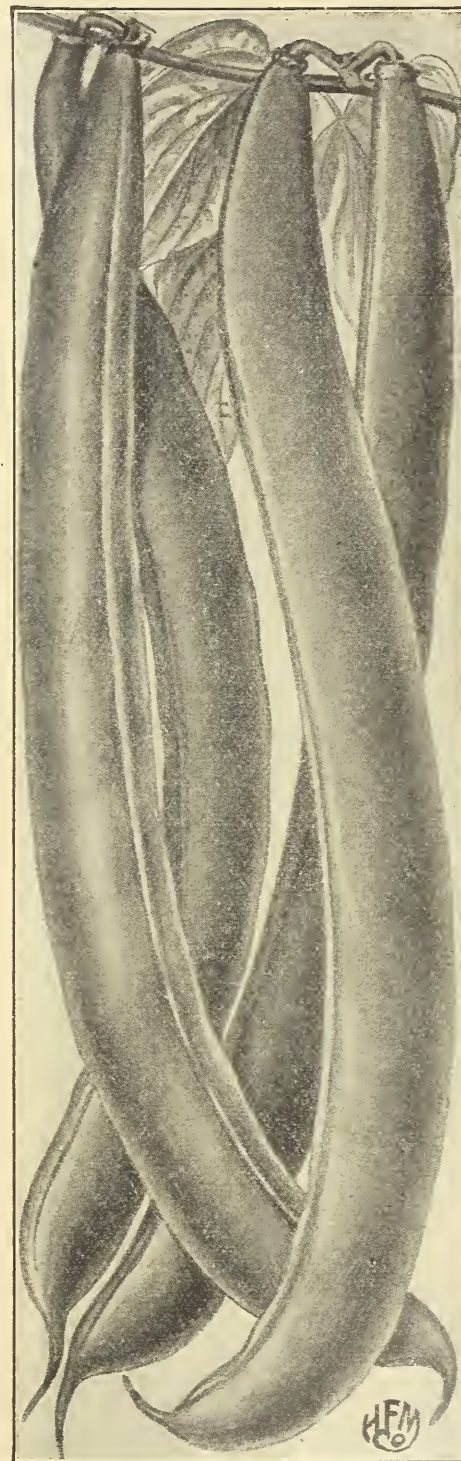
**Refugee Wax.** Round podded; of upright growth; quite stringless and of splendid quality. 35c. per lb.; 65c. for 2 lbs.; 5 lbs., \$1.35; \$2.50 per 10 lbs.; 25 lbs., \$5.50; \$20.00 per 100 lbs.

**Golden Wax Rust Proof (Michell's Improved Strain).** This type far surpasses the old strain in many points; the plants are very vigorous and thereby rust-resisting. The thick, flat, stringless pods are formed quite early and in great profusion. 30c. per lb.; 2 lbs., 55c.; 5 lbs., \$1.10; \$2.00 per 10 lbs.; 25 lbs., \$4.50; \$17.00 per 100 lbs.

**Round-Podded Kidney Wax.** A vigorous grower, producing very fleshy pods; entirely stringless and rust-proof; very early. 30c. lb.; 55c. per 2 lbs.; 5 lbs., \$1.25; \$2.40 per 10 lbs.; 25 lbs., \$5.25; \$20.00 per 100 lbs.

**Sure Crop Stringless Wax.** Very early, and remarkably productive; very hardy and free from disease; long, thick, flat pod; a splendid variety. 35c. lb.; 2 lbs., 65c.; 5 lbs., \$1.60; \$3.00 per 10 lbs.; 25 lbs., \$6.50; \$24.00 per 100 lbs.

**Wardwell's Kidney Wax.** A favorite market bean; bears very long, thick, flat pods in great abundance; one of the best medium early sorts; excellent quality; free from rust; a reliable cropper. 30c. lb.; 55c. per 2 lbs.; 5 lbs., \$1.25; \$2.20 per 10 lbs.; 25 lbs., \$5.00; \$18.00 per 100 lbs.



Black Valentine

HFM

HFM

**INOCULATING BACTERIA FOR GARDEN BEANS.** A high-grade nitrogen bacteria used in growing garden beans; produces wonderful results. Farmogerm, Mulford Germ, Standard Bacteria. See page 38.

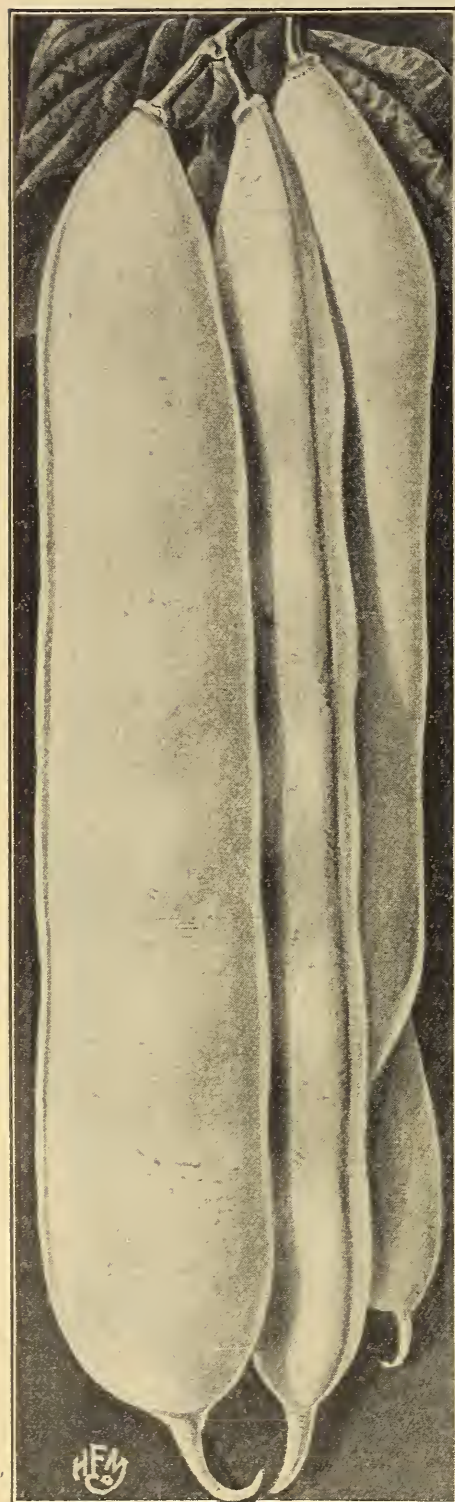


Haricots a rames (Fr.); Stangenbohnen (Ger.); Fagioli (Ital.).

(If Beans are wanted by parcel post allow for mailing charges.)

Plant as you would limas, in hills 4 feet apart each way, about 4 or 5 beans to the hill, eyes downward, when all danger of frost or cold nights is over. Don't be afraid to put a liberal number in a hill, as this is cheaper than replanting; often one bean germinates where another won't, even on the same hill. When up and established, thin out to 3 plants in a hill. About 20 pounds to the acre.

Pole Beans are not accorded in the north the same attention they deserve and receive in the southern part of the United States, where they are found in practically every market garden. They are frequently more tender and yield larger crops than the dwarf sorts. One planting lasts usually for the season. The secret of success in growing them is to keep picking them as they mature. They continue to bear and yield quantities of tender beans of delicious flavor.



Golden Cluster Wax

**Early Golden Cluster Wax.** A beautiful deep yellow pod, flat and frequently 8 inches long; makes a delicious dish as a butter bean or for pickling; quite stringless and matures in about 85 days. It is a heavy yielder, the pods being borne in large clusters. Quite easily the best of the pole beans and a splendid variety for the market garden. 40c. per lb.; 2 lbs., 75c.; \$1.70 per 5 lbs.; 10 lbs., \$2.80; \$6.00 per 25 lbs.; 100 lbs., \$22.50.

**Scarlet Runner (Green Pod).** While used principally for its flowering qualities, this makes a splendid winter shell bean. The bright red flowers are an attraction when the vine is used for covering arbors, trellises, fences, posts, etc. 30c. per lb.; 2 lbs., 60c.; \$1.40 per 5 lbs.; 10 lbs., \$2.50; \$5.50 per 25 lbs.; 100 lbs., \$20.00.

**Kentucky Wonder (Old Homestead).** Green Pod. In the south this variety is grown more extensively probably than any other; a tremendous yielder of long pods, very tender and practically stringless. It is round-podded and really the best of the green pole beans. It is quite early, being ready for picking about 85 days from planting. 30c. per lb.; 2 lbs., 60c.; \$1.40 per 5 lbs.; 10 lbs., \$2.50; \$5.50 per 25 lbs.; 100 lbs., \$20.00.

#### DWARF VARIETIES OF SHELL BEANS FOR WINTER USE

If there is any vacant space in the truck patch it will pay to plant some of these varieties. For soups, baked beans, etc., they are always useful. They can be used in the green state like other sorts, but for the first-named purpose they are best.

**Boston Navy or Pea.** For soup and baking purposes. 30c. lb.; 2 lbs., 55c.; 5 lbs., \$1.10; \$2.00 per 10 lbs.; 25 lbs., \$4.50; \$17.00 per 100 lbs.

**Broad Windsor.** An English bean used in the dry state, shelled. Plant in rows about 3 feet apart, about 8 inches apart in the row. 30c. lb.; 2 lbs., 55c.; 5 lbs., \$1.35; \$2.50 per 10 lbs.; 25 lbs., \$6.00; \$21.00 per 100 lbs.

**Dwarf Horticultural.** One of the best early shell beans grown; the thick, flat, stringless pods are colored red and green; the bean is large, round and speckled. 30c. lb.; 2 lbs., 55c.; 5 lbs., \$1.10; \$2.00 per 10 lbs.; 25 lbs., \$4.50; \$17.00 per 100 lbs.

**White Marrowfat.** 30c. lb.; 2 lbs., 55c.; 5 lbs., \$1.10; \$2.00 per 10 lbs.; 25 lbs., \$4.50; \$17.00 per 100 lbs.

#### CEDAR BEAN POLES (Pointed)

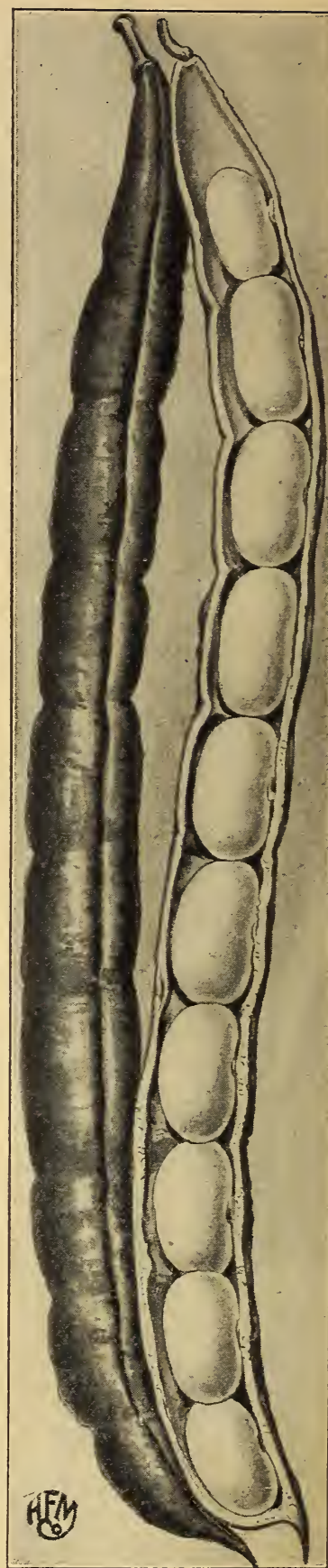
Extra selected quality, about 10 feet long. \$2.00 per doz.; per 25, \$3.75; \$7.00 for 50; 100 for \$12.00.

#### INOCULATING BACTERIA For Garden Beans

Contains pure tested strains of active, vigorous nitrogen fixing bacteria, for inoculating seeds of legumes, to which family of plants beans belong; produces wonderful results; increases the yield and also the fertility of the soil in which they are planted.

Garden size ( $\frac{1}{4}$  acre)      Acre size

Farmogerm.....	\$0.50	\$1.00
Mulford Germ.....	.75	1.50
Standard Bacteria.....	.50	.75



Kentucky Wonder

See pages 28 to 31 for Vegetable Seed Specialties.



# MICHELL'S LIMA BEANS

35

Haricots a rames (Fr.); Stangenbohnen (Ger.); Fagiuolo di Lima (Ital.).

## POLE VARIETIES

Two pounds will plant 100 hills; 25 to 30 lbs. per acre.  
If desired by mail, allow for postage.

Plant when all danger of frost or cold nights is over with the eye of the bean down. Don't be afraid to put a liberal number in a hill, as this is cheaper than re-planting; often one bean germinates where another won't even on the same hill. When all the beans have germinated that will grow, leave 3 or 4 remain in the hill. The poles should be set as soon as the garden is made in rows about 3 feet apart, with the poles about 3 ft. apart in the row. It is a good plan to put a small shovel-ful of well-rotted cow manure in each hill when the poles are set, so the beans when started will make rapid growth and mature early.

**Carpinteria.** A variety that retains its green color in all stages of growth, and after being dried; with this it combines wonderful prolificness, flavor and size; a good early variety; 4 to 5 beans in a pod. 30c. lb.; 2 lbs., 60c.; 5 lbs., \$1.40; \$2.50 per 10 lbs.; \$5.50 per 25 lbs.; \$20.00 per 100 lbs.

**Dreer's Improved Potato or Challenger.** Early and more prolific than the Large Lima; beans small and of extra quality. 30c. lb.; 2 lbs., 60c.; 5 lbs., \$1.40; \$2.50 per 10 lbs.; 25 lbs., \$5.50; \$21.00 per 100 lbs.

**Giant Podded.** This variety is fully a week earlier than King of the Garden. It is a prodigious cropper, producing its pods in large clusters. These are well filled with large beans of excellent quality. 30c. lb.; 2 lbs., 60c.; 5 lbs., \$1.40; \$2.50 per 10 lbs.; 25 lbs., \$5.50; \$20.00 per 100 lbs.

**King of the Garden.** Vigorous grower, producing a continuous bloom and crop to the extreme end of season. Pods are of enormous size, many specimens measuring from 5 to 8 inches, and producing as high as six beans to the pod, perfectly formed and of superior quality. 30c. lb.; 60c. for 2 lbs.; 5 lbs., \$1.40; \$2.50 per 10 lbs.; 25 lbs., \$5.50; \$20.00 per 100 lbs.

**Michell's Evergreen.** This remarkable pole lima equals the earliest for earliness, is far more productive than any other, and retains at all times a beautiful green color. Pods contain on the average 5 to 6 beans. The pods hang in clusters, 6 to 8 in a bunch, which makes them very easy to gather. All who grow limas should have this valuable variety in the market garden. 30c. lb.; 2 lbs., 60c.; 5 lbs., \$1.40; \$2.50 per 10 lbs.; 25 lbs., \$5.50; \$20.00 per 100 lbs.

## BUSH OR DWARF VARIETIES

Bush Limas should be planted for early crops, as they come into bearing much sooner, but are not so prolific as the pole varieties. They are usually planted in rows about 3 feet apart, while the beans are put in hills about 2 feet apart, about 3 beans to the hill.

**Burpee's Improved Bush Lima.** This is so far ahead of the old strain of Burpee's Bush Lima that it should be used instead; the bean is thicker, sweeter, earlier and more prolific. 40c. lb.; 2 lbs., 75c.; \$1.75 per 5 lbs.; 10 lbs., \$3.00; \$7.00 for 25 lbs.; \$25.00 per 100 lbs.

**Fordhook.** One of the best types of bush limas in cultivation; it has a distinct upright vigorous growth; the pods which are borne in clusters well above the ground, frequently contain as many as 4 thick luscious beans. It matures very early and continues in bearing till frost. 40c. lb.; 2 lbs., 75c.; \$1.70 per 5 lbs.; 10 lbs., \$2.80; \$6.00 per 25 lbs.; 100 lbs., \$22.50.

### Henderson's.

The earliest sort; beans are flat, very small and tender and of excellent flavor; a splendid

variety for canning. 30c. per lb.; 2 lbs., 60c.; \$1.40 per 5 lbs.; 10 lbs., \$2.50; \$5.50 per 25 lbs.; 100 lbs., \$20.00.

### WILSON'S IMPROVED (New)

Claimed to be 2 weeks earlier than Burpee's Improved Bush Lima; also much more prolific. For full description and illustration, see page 28. 40c. lb.; 2 lbs., 75c.; \$1.70 per 5 lbs.; 10 lbs., \$2.80; \$6.00 per 25 lbs.; 100 lbs., \$22.50.

### INOCULATING BACTERIA

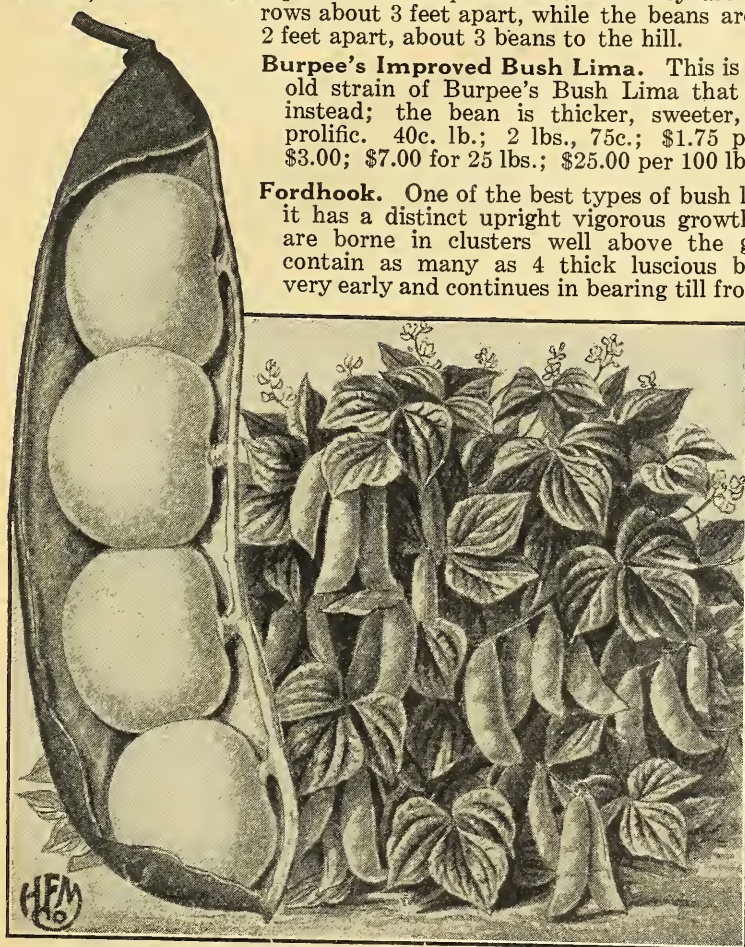
If you want your lima bean patch to yield earlier, better and more beans than usual, inoculate the seed before planting with Bacteria; easy to use; effective in results, making the soil richer.

When ordering, be sure and specify wanted for lima beans, as each leguminous crop requires a separate culture.

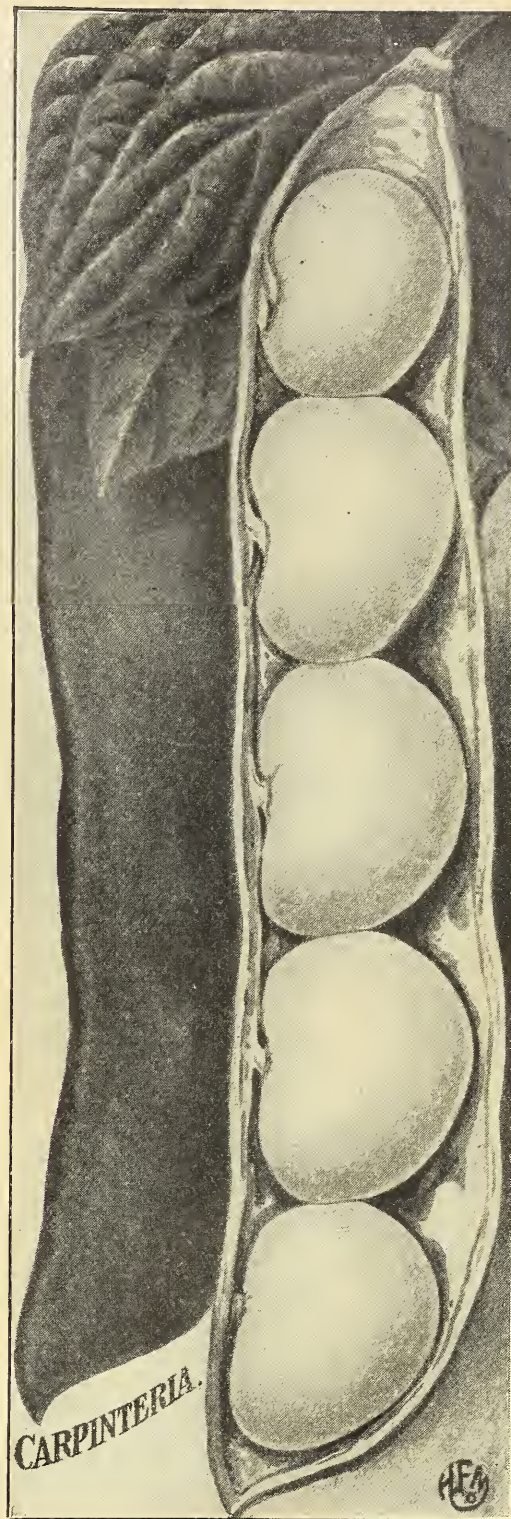
	Garden size ( $\frac{1}{4}$ acre)	Acre size
Farmogerm .....	\$0.50	\$1.00
Mulford Germ. ....	.75	1.50
Standard Bacteria ..	.50	.75

ALL PRICES SUBJECT TO MARKET CHANGES

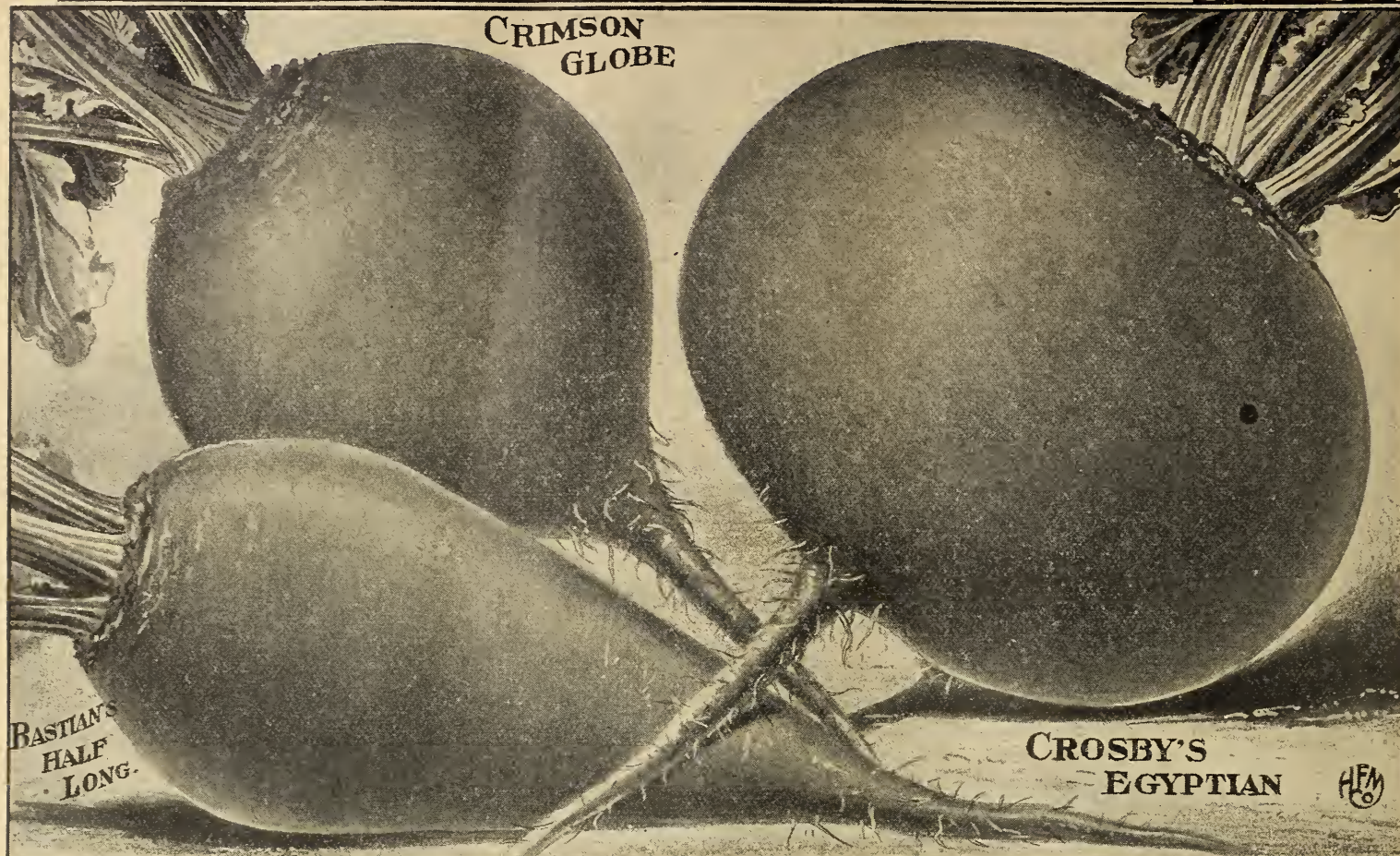
(99)



Fordhook Bush Lima







Betterave (Fr.); Salatrube (Ger.); Barbabietola (Ital.).  
One ounce will sow a row about 50 ft. long; 5 lbs. are required to sow an acre.

Prices of all seeds on this page include mailing charges.

Sow in drills one foot apart and one inch deep, as early as the ground can be worked; when the plants are large enough thin out.  
**Arlington Favorite.** Extra early; exceedingly sweet; rich, blood red; turnip-shaped, 10c. per oz.;  $\frac{1}{4}$  lb., 25c.; 80c. per lb.; 5 lbs., \$3.50.

**Bastian's Extra Early.** The best beet for market and family use; grows quite large; turnip-shaped, 10c. per oz.;  $\frac{1}{4}$  lb., 25c.; 70c. per lb.; 5 lbs., \$3.00.

**Bastian's Half Long Blood.** A valuable variety to follow Bastian's Extra Early. 10c. oz.;  $\frac{1}{4}$  lb., 25c.; 80c. per lb.; 5 lbs., \$3.50.

**Bassano (Extra Early).** A flat variety; flesh white and rose colored; excellent used as buttered beets. 10c. per oz.;  $\frac{1}{4}$  lb., 25c.; 65c. per lb.; 5 lbs., \$3.00.

**Crimson Globe.** Almost round in shape; of a rich deep red color; it has a distinct delicious flavor and is very tender; good for sowing early for forcing and summer use. 10c. oz.;  $\frac{1}{4}$  lb., 25c.; 75c. per lb.; 5 lbs., \$3.25.

**Crosby's Egyptian.** One of the earliest beets; especially desirable on account of its rich blood red color throughout, and its extreme tenderness. An early spring and winter variety, and a good keeper. 10c. per oz.;  $\frac{1}{4}$  lb., 25c.; 75c. per lb.; \$3.25 per 5 lbs.

**Detroit Dark Red.** A desirable type of turnip-shaped beet; very tender; excellent for winter keeping. 10c. per oz.;  $\frac{1}{4}$  lb., 20c.; 60c. per lb.; 5 lbs., \$2.75.

**Detroit Dark Red (Michell's Special Strain).** See page 28. 10c. per oz.;  $\frac{1}{4}$  lb., 30c.; \$1.00 per lb.; 5 lbs., \$4.50.

**Eclipse.** Perfectly smooth and round; skin and flesh intense red. An excellent sort for forcing or for the market garden. 10c. oz.;  $\frac{1}{4}$  lb., 20c.; 65c. per lb.; 5 lbs., \$3.00.

**Lentz Early.** Fine for sowing in hotbeds and outdoors early. It is also a desirable winter variety; blood red. 10c. oz.;  $\frac{1}{4}$  lb., 25c.; 75c. lb.; 5 lbs., \$3.25.

**Michell's Ideal.** (New). A splendid turnip-shaped variety; splendid for early summer use or as a winter keeper. 10c. oz.;  $\frac{1}{4}$  lb., 30c.; \$1.00 per lb.; 5 lbs., \$4.50.

**Michell's Winter Keeper.** (New). Globe shape; rich red; tender and sweet; one of the best winter varieties. See page 28 for illustration and full description. 25c. oz.;  $\frac{1}{4}$  lb., 75c.; \$2.25 per lb.; 5 lbs., \$10.00.

**BEETS (Mangel Wurzel).** See page 49.

**BEET (Spinach or Swiss Chard).** See page 57.

**BORAGE (Herb)**

Pkt. 10c; 30c. per  $\frac{1}{2}$  oz.; oz., 50c.; \$1.75 per  $\frac{1}{4}$  lb.; lb. \$6.00.

**BROCCOLI.** One ounce will produce 3000 plants

A vegetable resembling cauliflower.

**White Cape.** 25c. per  $\frac{1}{2}$  oz.; oz., 50c.; \$1.50 per  $\frac{1}{4}$  lb.; lb., \$5.00.

**BRUSSELS SPROUTS**

**Chou de Bruxelles (Fr.);**  
**Rosekohl (Ger.); Berza de**  
**Brusels (Ital.).**

One ounce will produce 3000 plants.

Sow seed about May 15th; transplant when about 4 ins. high, in rows 3 feet apart, 2 feet apart in the row. When heads begin to crowd, the lower leaves should be broken from the stem of the plant to give them plenty of room. They are best for market after they have had a slight frost.  
**Matchless Improved.** 15c. oz.;  $\frac{1}{4}$  lb., 50c.; \$1.50 per lb.

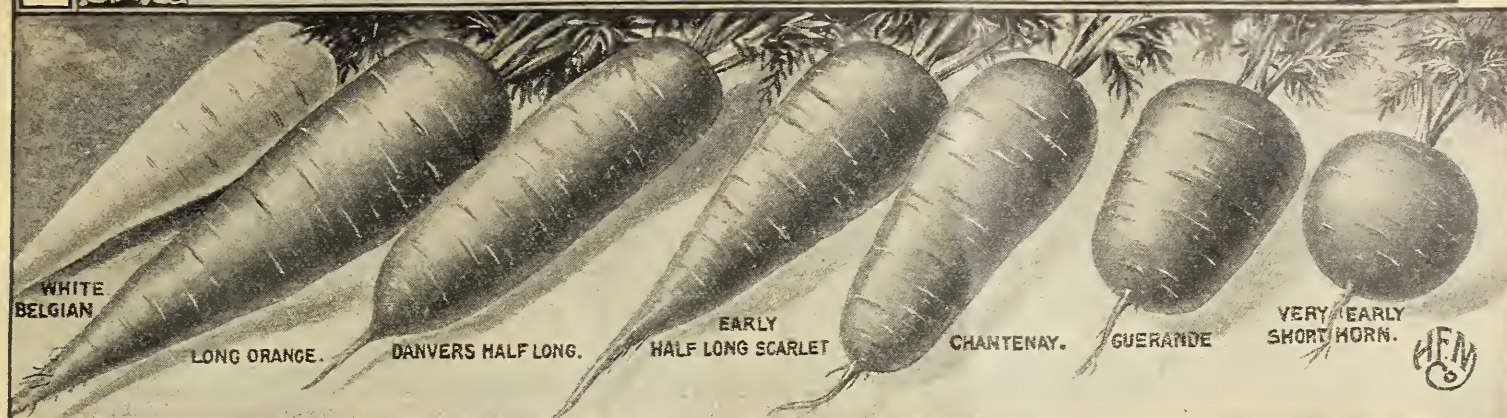
**BRUSSELS SPROUTS PLANTS**

(Ready in July)  
60c. per 100 (by mail, 70c.);  
per 1000, \$5.00.



Brussels Sprouts





All seeds on this page mailed post free at quoted prices.

**Carotte (Fr.); Mohrhuben (Ger.); Carota (Ital.).**

**One ounce will sow 100 ft. of drill; 3 to 4 lbs. per acre.**

For an early crop sow as soon as danger from frost is over in rows 1 foot apart; when 2 inches high thin out to stand 2 inches apart in the row. For late crop sow in May or June. The long sorts sow early, the half-long and round sorts can be sown later.

**Chantenay Half-Long.** Fine orange scarlet color; very productive; especially desirable for market or home use. The flesh is tender, firm and finely grained; 5 inches long, stump-rooted. Per oz., 10c.; 25c. per  $\frac{1}{4}$  lb.; per lb., 75c.; \$3.25 per 5 lbs.

**Danvers Half-Long.** The best variety for general crop; rich orange color; a very heavy yielder and splendid keeper; a first-class carrot for all soils, and valuable both for table and stock; 6 to 7 ins. long; stump-rooted. We have an extra fine strain of this favorite sort. Per oz., 10c.; 25c. per  $\frac{1}{4}$  lb.; per lb., 75c.; \$3.25 per 5 lbs.

**Early Half-Long Scarlet.** A very desirable pointed root variety, coming in between the Scarlet Horn and the Long Orange; early, of fine flavor and good color; can be sown in hotbeds for early use; 5 to 6 inches long. Per oz., 10c.; 30c. per  $\frac{1}{4}$  lb.; per lb., \$1.00; \$4.50 per 5 lbs.

**Early Scarlet Horn.** A favorite early red variety; fine grain and good flavor; stump-rooted, about 6 inches long. Per oz., 10c.; 25c. per  $\frac{1}{4}$  lb.; per lb., 85c.; \$3.75 per 5 lbs.

## CAULIFLOWER

**Choux-Fleurs (Fr.); Blumenkohl (Ger.); Cavol-Fiora (Ital.)**  
**One ounce of seed will produce about 3000 plants.**

Sow seeds in hotbeds or window boxes in February or March and transplant in cold frames until it is safe to plant outdoors. For second crop, sow in April and set out in May. For late crop, sow in June and set out in July. Plants should be set in rows 3 feet apart, 2 feet apart in the row.

**Danish Giant.** An ideal variety for summer use, as it will stand more drought and heat than most other sorts; the heads are snow white. Pkt., 20c.; trade pkt., 40c.; 75c. per  $\frac{1}{4}$  oz.; per oz., \$2.75; \$10.00 per  $\frac{1}{4}$  lb.; lb., \$35.00.

**Early Snowball.** A splendid early variety, for either forcing under glass in cold frames or for outdoor spring planting producing magnificent medium size white heads. Pkt., 20c.; trade pkt., 40c.; 65c. per  $\frac{1}{4}$  oz.; per oz., \$2.00; \$7.00 per  $\frac{1}{4}$  lb.; lb., \$25.00.

**Half Early Paris.** A well flavored small head, suited to growing outdoors only. Pkt., 10c.; 35c. per  $\frac{1}{4}$  oz.; oz., \$1.00; \$3.00 per  $\frac{1}{4}$  lb.; lb., \$10.00.

**Michell's Early Snowstorm.** Colossal heads of purest white, averaging often 10 inches in diameter; especially desirable for its earliness under glass, but does equally well in late spring, summer or autumn outdoors. Pkt., 20c.; trade pkt., 40c.; 75c. per  $\frac{1}{4}$  oz.; oz., \$2.75; \$10.00 per  $\frac{1}{4}$  lb.; lb., \$35.00.

**Michell's Special Strain Selected Erfurt.** One of the earliest in cultivation; the head is not as large as the Snowstorm sort. Pkt., 20c.; trade pkt., 40c.; 60c. per  $\frac{1}{4}$  oz.; per oz., \$1.75; \$6.00 per  $\frac{1}{4}$  lb.; lb., \$22.00.

## CARAWAY (Herb)

10c. per  $\frac{1}{2}$  oz.; oz., 15c.; 30c. per  $\frac{1}{4}$  lb.; lb., \$1.00.

## CATNIP (Herb)

Pkt., 10c.; 20c. per  $\frac{1}{2}$  oz.; oz., 35c.

## CHAMOMILE (Herb)

Pkt., 10c.; 60c. per  $\frac{1}{2}$  oz.; oz., \$1.00.

**Guerande or Oxheart.** A desirable variety on soils too hard and stiff for the longer growing sorts, as it is not over 3 or 4 inches long. It has a very fine flavor and is colored a rich orange. Per oz., 10c.; 25c. per  $\frac{1}{4}$  lb.; per lb., 75c.; \$3.25 per 5 lbs.

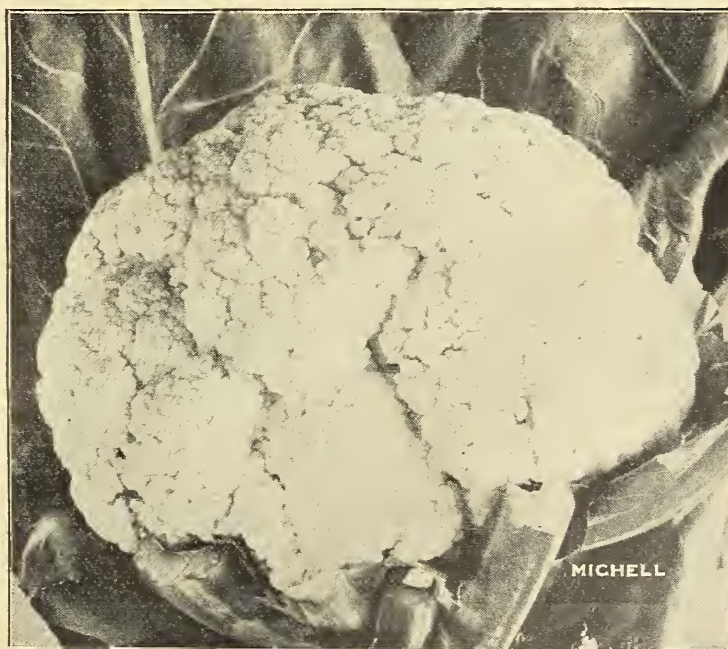
**Improved Long Orange (Michell's Special Strain).** Deep orange color; 10 inches long; good flavor; yields heavily; is of excellent table quality, and one of the best for stock feeding; pointed root. Per oz., 10c.; 25c. per  $\frac{1}{4}$  lb.; per lb., 75c.; \$3.25 per 5 lbs.

**Orange Beauty.** A first-class carrot in every respect. Medium long pointed root and a splendid winter keeper. 10c. per oz.;  $\frac{1}{4}$  lb., 25c.; 75c. per lb.; 5 lbs., \$3.25.

**Rubicon Half-Long (Michell's Selected Strain).** The best in shape; its deep red orange-colored flesh is of finest quality; stump-rooted. It is earlier than the Danvers and about the same length; extremely well adapted for early forcing and for growing outside. Per oz., 10c.; 25c. per  $\frac{1}{4}$  lb.; per lb., 75c.; \$3.25 per 5 lbs.

**Very Early Short Horn or French Forcing.** An early scarlet forcing variety; small round root, not much larger than a radish. It may be sown outdoors as well as under glass. Per oz., 10c.; 30c. per  $\frac{1}{4}$  lb.; per lb., \$1.00; \$4.50 per 5 lbs.

**White Belgian.** Used principally for stock, not being desirable for table; produces a long thick white root. It is also used for soiling or turning under, being a valuable humus maker. It is about 8 to 10 inches long with a green top. 10c. per oz.;  $\frac{1}{4}$  lb., 20c.; 60c. per lb.; 5 lbs., \$2.75.



Michell's Earliest Snowstorm Cauliflower

## CAULIFLOWER PLANTS (Ready about April 1st)

	Doz.	100	1000
Snowball variety only. From hotbeds . . . .	\$0.20	\$1.25	\$8.00
Snowball variety only. Potgrown plants . . .	.65	5.00	



*Early Jersey Wakefield**Henderson's Early Summer*

**Chou pomme (Fr.); Kopf Kohl (Ger.); Cavolo Cappuccio (Ital.)**

**One ounce will produce about 3000 plants; 4 oz. will produce enough for an acre**

Our strains are the very best to be had, selected from specimen heads in well rogued fields. Sow seeds in January or February in hotbeds, and transplant latter part of April or early in May to open ground, or an early sowing in open ground can be made as soon as weather will permit. Set the plants in rows 2 feet apart, and 12 to 18 inches apart in the row. For second early sow in April and transplant in May, or sow in May and transplant in July, setting plants in rows 3 feet apart and 2 feet in rows. Never plant cabbage in the same location two years in succession.

**All seeds on this page mailed post free at prices quoted**

**A book on the Culture of CABBAGE AND CAULIFLOWER, comprehensive, interesting and instructive, 80c.**

### EARLY VARIETIES

**All Head.** The largest of the early cabbages. The head is roundish flat and remarkably solid; excellent for winter as well as early spring. 50c. per oz.;  $\frac{1}{4}$  lb., \$1.50; \$5.00 per lb.

**Copenhagen Market.** The earliest round variety in cultivation. The heads frequently weigh as much as 10 lbs. Denmark has always been a producer of fine cabbage and many of our best sorts have originated there; in this variety we offer a splendid sort, which should be planted by every cabbage grower. 25c. per oz.;  $\frac{1}{4}$  lb., 75c.; \$2.50 per lb.

**Early Jersey Wakefield (Improved Strain).** The finest type of early cabbage in existence. A great improvement over the usual strains. It produces uniform pointed heads, and should be sown by every market gardener. The outer leaves form a protection for the heads, which enables it to be set out earlier than other sorts. 25c. per oz.;  $\frac{1}{4}$  lb., 80c.; \$2.75 per lb.

**Henderson's Early Summer.** The leaves have a more bluish cast than the other cabbages; the heads are roundish flat. A fine variety for following the early types, making a splendid solid head. 25c. per oz.;  $\frac{1}{4}$  lb., 80c.; \$2.75 per lb.

**Large Charleston Wakefield.** Similar to the Early Wakefield, but the heads are more blunt, equally as solid, while it grows almost twice the size and matures one week later. This is a splendid cabbage for the market garden. 25c. per oz.;  $\frac{1}{4}$  lb., 80c.; \$2.75 per lb.

*Danish Ball Head Cabbage*

Dear Sirs:—

My seed order from your firm arrived today, and everything is satisfactory. I like your goods so well that I am willing to pay duty to buy them from you.

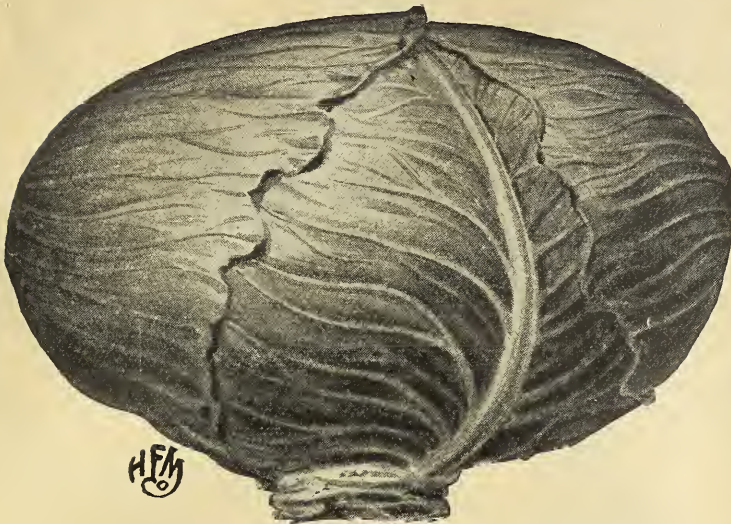
Yours respectfully,  
W. McS.

Guelph, Can.

For description, see page 39.



All seeds on this page mailed postpaid at quoted prices.



Late Flat Dutch Cabbage

**All Seasons** (Vandergaw). A very large head, round and solid. It is valuable for late summer or winter use. 25c. per oz.;  $\frac{1}{4}$  lb., 85c.; \$3.00 per lb.

**Danish Ball-Head** (Michell's Improved Strain). This excellent winter cabbage is unequalled for its keeping qualities, massiveness and weight. For boiling, cold slaw, sauer kraut, etc., it is ideal, being crisp, tender and sweet. One of its virtues is that it does well under most any condition of moisture or drought; heads rarely burst. (See illustration on page 38.) 25c. per oz.;  $\frac{1}{4}$  lb., 75c.; \$2.50 per lb.

**Late Flat Dutch** (Improved Strain). This has been selected especially for our trade, the seed being taken from the finest type of heads which are selected for solidity and uniformity. In a row or field of this strain every head appears uniform, and its excellence is apparent. There is no better keeping cabbage in existence, being very solid. For sauer kraut it is unsurpassed. 25c. per oz.;  $\frac{1}{4}$  lb., 80c.; \$2.75 per lb.

**Perfection Drumhead Savoy**. A beautifully crimped-leaved sort; color a deep glossy green. The head is almost round. Savoy cabbage is distinctly flavored, being much sweeter than the other kinds. We recommend it highly, being one of the best cabbages grown for market. 25c. per oz.;  $\frac{1}{4}$  lb., 80c.; \$2.75 per lb.

**Red Dutch Drumhead**. A red variety used extensively for pickling. Few people can appreciate it because they have never tried it. For cold slaw it has merits over the white kinds. It is principally used for winter. 20c. per oz.;  $\frac{1}{4}$  lb., 50c.; \$1.75 per lb.

## CHERVIL

One ounce will sow a row 25 feet long.

An aromatic plant used extensively in Europe as a salad seasoner. It adds a flavor that is entirely its own. When chopped fine and scattered on buttered potatoes it is a rare treat. American gardeners should become familiar with this, as they are missing one of the best things that grow. Sow it in a row like parsley, which it somewhat resembles. For a continuous crop, sow every two weeks; if one has heated frames or a greenhouse it can be sown under glass all winter. It can be cut 4 or 5 weeks after sowing.

**Double Curled**. Oz., 10c.;  $\frac{1}{4}$  lb., 30c.; 85c. per lb.

## CHICORY

**Witloof**. This grows in a solid oblong head and blanches ivory white. When lifting cut whole head with part of the roots to hold the leaves together. It is the choicest of all the winter salads and is used to such an extent in this country that much of it is imported. The seed should be sown thinly in drills in May and be well cultivated during the growing season; after a few sharp frosts the tops should be pulled off and the roots stored in a cool, frost-proof cellar, and forced during the winter as desired. 15c. per oz.;  $\frac{1}{4}$  lb., 40c.; \$1.25 per lb.

## CORIANDER (Herb)

10c. per oz.;  $\frac{1}{4}$  lb., 25c.; 75c. per lb.



## PE-TSAI (Chinese or Celery Cabbage)

Of upright growth, about 15 inches. It resembles a head of Romaine Lettuce, but possesses the attractive curly feature of Silesian Lettuce, and a broad wide rib. The heads are very firm, almost like Cabbage. It may be served like lettuce. It makes excellent cold slaw; may also be cooked as Cabbage. It can be planted as a spring or autumn crop; for the latter the seed is sown in July. The plants should be set from 15 to 18 inches apart, the rows 2 to 2 $\frac{1}{2}$  feet apart. 25c. per oz.;  $\frac{1}{4}$  lb., 80c.; \$2.75 lb.

## CABBAGE PLANTS

Ready in season according to variety.

**Early Sorts**. From hotbeds. Per 100, 60c.; per 1000, \$5.00.

**From Cold Frames, Transplanted**. 100, 75c.; per 1000, \$6.50.

**Late Sorts**. Danish Ball Head and Late Flat Dutch only. Ready July 1st. Per 100, 50c.; per 1000, \$3.50.

## CHIVES (Schnittlauch)

Indispensable for flavoring certain dishes; it imparts a mild onion taste. The plants are hardy and will last for years; don't cut the plant too close when gathering. For winter use, lift and plant in a pot or box and place in a sunny window in the kitchen. **Seed**. Pkt. 10c.; 20c. per  $\frac{1}{2}$  oz.; oz., 40c.; \$1.25 per  $\frac{1}{4}$  lb.; lb., \$4.00.

**Strong Plants**. 12c. each; doz., \$1.25; \$8.50 per 100.

## COLLARDS



Georgia Collards

Four ounces of seed will produce enough plants for an acre.

These are extensively grown in the south and used as greens during the winter months. In that latitude the plant is practically hardy. The lower leaves are pulled off and used, when new ones then form on the upper part of the stem, which increases in height. They are planted much like cabbage. They also make splendid winter food for poultry and lambs.

**Georgia or Southern**. 10c. per oz.;  $\frac{1}{4}$  lb., 30c.; \$1.00 per lb., postpaid.





*Mitchell's Strain "Easy Blanching" Celery*

## MICHELL'S CHOICE CELERY

Celeri (Fr.); Sellerie (Ger.); Sedano (Ital.).

One ounce of seed will produce 3000 to 5000 plants; half-pound sufficient for one acre.

All seeds on this page mailed post free at prices quoted.

Sow in hotbeds or in open ground in drills in April. See that no weeds infest the seed bed or the drills; transplant in rows 3 feet apart, 6 inches apart in the row.

### EARLY VARIETIES

(For Thanksgiving and Christmas Use)

**Easy Blanching.** A splendid first early variety, being ready in October, and producing enormous thick stalks which are very crisp. 35c. per oz.;  $\frac{1}{4}$  lb., \$1.25; \$4.00 per lb.

**Easy Blanching** (Private Stock; Penna. Grown). See illustration and description, page 30. \$1.25 per oz.;  $\frac{1}{4}$  lb., \$4.00; \$15.00 per lb.

**Golden Self Blanching** (French Grown Seed). One of the earliest and most productive sorts. The beautiful golden-colored stalks attain a height of 18 inches, which are never pithy and of excellent flavor; ready in October, but may be kept for early winter use. 50c. per oz.;  $\frac{1}{4}$  lb., \$1.75; \$6.00 per lb.

**Golden Self Blanching** (American Grown Seed). From seed stock renewed annually from France. 35c. per oz.;  $\frac{1}{4}$  lb., \$1.25; \$4.00 per lb.

**New York.** A large, self blanching variety; crisp and never pithy; one of the finest varieties for the market gardener. 25c. per oz.;  $\frac{1}{4}$  lb., 85c.; \$3.00 per lb.

**Pink Plume.** A splendid table novelty; splendid flavor, crisp, and not stringy. Oz., 15c.; 45c. per  $\frac{1}{4}$  lb.; per lb., \$1.50.

**White Plume** (Mitchell's Private Stock). A standard early celery for market garden. The stalks and heart which blanch very quickly to almost a pure white, are very crisp and brittle. It can be used early in November and is of the finest quality. Our strain of seed is very superior in every way. 20c. per oz.;  $\frac{1}{4}$  lb., 60c.; \$2.00 per lb.

### LATE WINTER VARIETIES

**Giant Pascal.** This is in its prime for use during February and March, and can be used well up into spring. 15c. per oz.;  $\frac{1}{4}$  lb., 50c.; \$1.50 per lb.

**Winter King.** Perfectly solid, crisp and of a delicious flavor; blanches well and is one of the best winter keeping varieties. 25c. per oz.;  $\frac{1}{4}$  lb., 85c.; \$3.00 per lb.

**Winter Queen.** A medium tall solid variety; will retain its qualities long through the winter. The heart is very full and large. 25c. per oz.;  $\frac{1}{4}$  lb., 85c.; \$3.00 per lb.

**New Columbia.** A new variety of great merit; a medium tall sort, producing a large, heavy stalk; has splendid keeping qualities. 25c. per oz.;  $\frac{1}{4}$  lb., 85c.; \$3.00 per lb.

### CELERY SEED (For Flavoring)

Per  $\frac{1}{4}$  lb., 10c.; 25c. per lb.

### CELERY PLANTS (Ready in July)

Leading varieties. 60c. per 100; per 1000, \$5.00.

### BALL CELERY BLEACHER

A practical, inexpensive device for bleaching celery early, made of stiff, heavy paper. If the tubes are to be left on the plants all winter and the soil drawn around them, you get celery clean and sweet.

			Per 50	100	1000
No. 1.	6 x 12 in.	Wt. per 100, 8 lbs...	\$1.75	\$3.20	\$28.00
No. 2.	6 $\frac{1}{2}$ x 13 in.	Wt. per 100, 10 lbs...	2.00	3.70	32.50
No. 3.	7 x 14 in.	Wt. per 100, 14 lbs...	2.10	4.10	37.00

### BALL CELERY HANDLERS

Brass, \$4.50 each. Tin, \$1.75 each.

### CELERY PAPER

For winter protection; in 500 sq. ft. rolls. \$1.25 per roll.

### CELERY TAPE

Fast red; in spools of 1000 yards, \$4.00.

This vegetable is used for two purposes: The leaves are cut when young and used to flavor soups and meats. The roots are boiled, sliced, cooled, and served as a salad. Sells readily in some markets.

**Giant Prague.** 15c. oz.;  $\frac{1}{4}$  lb., 40c.; \$1.25 per lb.

### CHARD

Swiss Chard, Giant Lucullus

Oz., 10c.; 25c. per  $\frac{1}{4}$  lb.; per lb., 80c.; \$3.75 per 5 lbs.

### CITRON

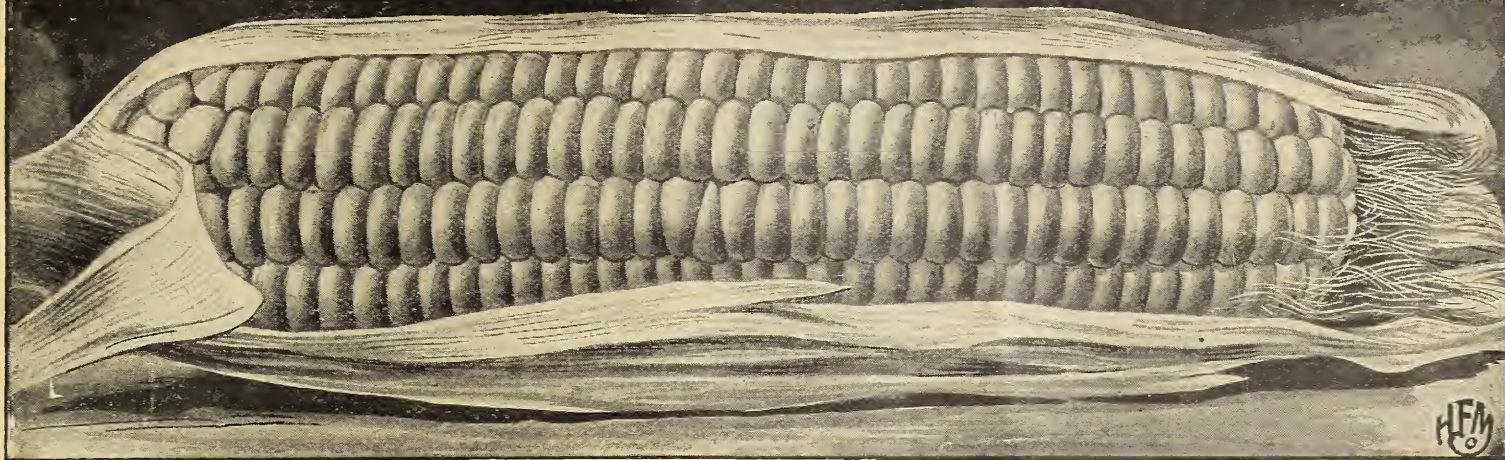
(Preserving Melon)

10c. per oz.;  $\frac{1}{4}$  lb., 25c.; 75c. per lb.

### CELERIAC







Golden Bantam

Mais (Fr.); Welschkorn (Ger.); Grano Turco (Ital.)

1 lb. will plant about 150 hills; 12 to 15 pounds will plant an acre.

Plant once a week from the moment the ground is permanently warm until July 15th. Drop from 6 to 8 grains in hills three feet apart each way, or in rows three feet apart; if the latter, thin out so the plants stand 12 inches apart; if left in hills, thin out when 4 inches high to 3 to 4 strong plants to the hill. The early varieties should be planted for a late crop to be sure of maturity.

## EARLY VARIETIES

**Bantam Evergreen.** A splendid extra early yellow variety claimed to be earlier than Golden Bantam, and with much larger ears. 25c. per lb.; 2 lbs., 40c.; 85c. per 5 lbs.; 10 lbs., \$1.60; \$3.50 per 25 lbs.; 50 lbs., \$6.25; \$12.00 per 100 lbs.

**Early Mayflower.** An improved White Cory, maturing very early; it is dwarf in growth with large, well-filled ears. 35c. per lb.; 2 lbs., 60c.; \$1.35 per 5 lbs.; 10 lbs., \$2.50; \$5.50 per 25 lbs.; 50 lbs., \$10.00; \$18.00 per 100 lbs.

**Early Evergreen.** This variety is closely allied to Stowell's in shape, flavor and style, but is much earlier; produces large well-shaped ears with deep grains. 25c. per lb.; 2 lbs., 40c.; 85c. per 5 lbs.; 10 lbs., \$1.60; \$3.50 per 25 lbs.; 50 lbs., \$6.25; \$12.00 per 100 lbs.

**Golden Bantam.** While yellow in color, this is one of the sweetest and earliest varieties in existence; if once planted it will be a sure favorite. The ears are medium size, tender and delicious. The plant is of dwarf growth; we recommend it very highly for the home garden. Many people have an idea that yellow corn for the table is not practical, but one taste of Golden Bantam will change their mind. 25c. per lb.; 2 lbs., 40c.; 85c. per 5 lbs.; 10 lbs., \$1.60; \$3.50 per 25 lbs.; 50 lbs., \$6.25; \$12.00 per 100 lbs.

**Golden Cream.** A cross between Country Gentleman and Golden Bantam and combines the excellent qualities of both. It is almost as early as Golden Bantam, has deeper grains, and a larger ear. When picked ripe it is light yellow; after being cooked it is darker yellow. 25c. per lb.; 2 lbs., 40c.; 85c. per 5 lbs.; 10 lbs., \$1.60; \$3.50 per 25 lbs.; 50 lbs., \$6.25; \$12.00 per 100 lbs.

**Golden Giant.** The growth is dwarf and compact, thus assuring early maturity. Ears are of good length, and well filled out from butt to tip and very symmetrical; kernels are staged regularly on the cob and are fairly large. A heavy yielder and of excellent quality. 35c. per lb.; 2 lbs., 60c.; \$1.40 per 5 lbs.; 10 lbs., \$2.60; \$6.00 per 25 lbs.; 50 lbs., \$11.00; \$20.00 per 100 lbs.

NOTE.—If corn is wanted by parcel post allow for mailing charges.

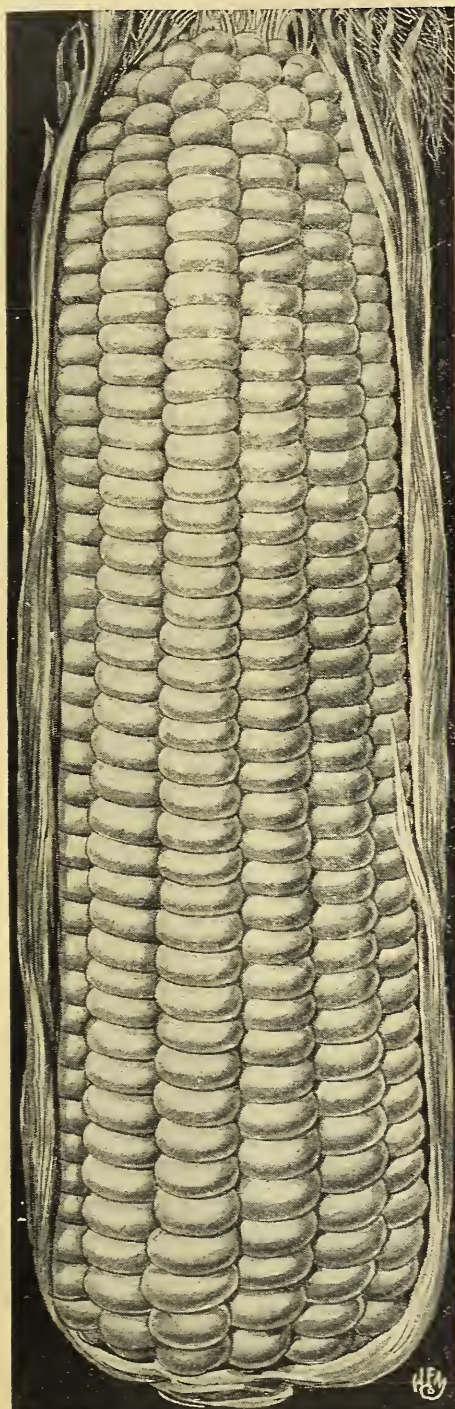
**Howling Mob.** Although an early variety, the ears are much larger than most of the other early sorts, while the grains are much whiter and sweeter. A splendid sort for the market gardener as well as for home use. Might be classed worm proof, since the husk covers the ear completely and in a tight fashion. It follows the Adams Extra Early types, which are not near so sweet. 25c. per lb.; 2 lbs., 45c.; \$1.00 per 5 lbs.; 10 lbs., \$1.75; \$4.00 per 25 lbs.; 50 lbs., \$7.50; \$14.00 per 100 lbs.

**Ideal.** The grower of this variety has been carefully selecting it for many years. Exceedingly early and large yielder. It is not quite as sweet as some other varieties. It is, though, nevertheless, well flavored and its extra early feature outweighs all other points against it. It comes in sooner than other white-kernel varieties like Adams Extra Early. 25c. per lb.; 2 lbs., 40c.; 85c. per 5 lbs.; 10 lbs., \$1.60; \$3.50 per 25 lbs.; 50 lbs., \$6.25; \$12.00 per 100 lbs.

**Kendel's Early Giant.** Large ears; large deep grain; well flavored and extra sweet. The ears are very cylindrical. An ideal sort for the first and last planting. Just the variety to grow for market garden trade. It gives the housewife a lot of splendid quality for her money. 25c. per lb.; 2 lbs., 40c.; 85c. per 5 lbs.; 10 lbs., \$1.60; \$3.50 per 25 lbs.; 50 lbs., \$6.25; \$12.00 per 100 lbs.

**Stabler's Extra Early.** This is the standard early sort for the market garden. The large ear is well arrayed with even grains which cook pure white and are very tender. 25c. per lb.; 2 lbs., 40c.; 85c. per 5 lbs.; 10 lbs., \$1.60; \$3.50 per 25 lbs.; 50 lbs., \$6.25; \$12.00 per 100 lbs.

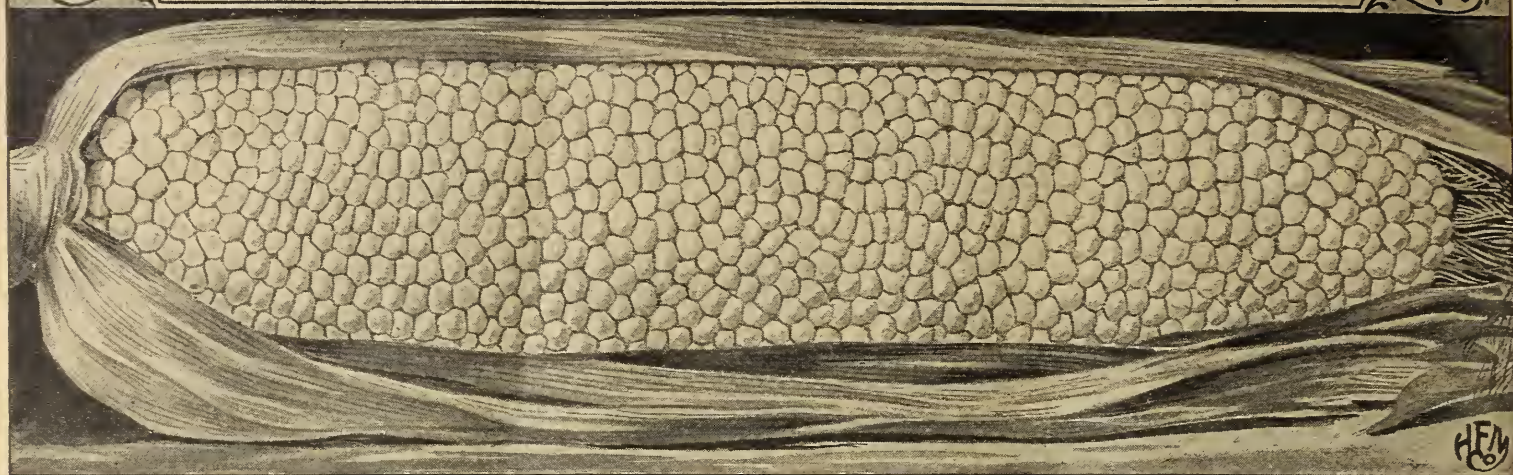
**Sugar Kernel.** A splendid new variety that is fully described and illustrated on page 29. 45c. per lb.; 2 lbs., 80c.; \$1.85 per 5 lbs.; 10 lbs., \$3.50; \$7.50 per 25 lbs.; 50 lbs., \$13.50; \$25.00 per 100 lbs.



Mitchell's Delicious (See page 42)



# MICHELL'S SELECTED SUGAR CORN.



*Country Gentleman*

**NOTE.**—If sugar corn is wanted by parcel post, please allow for mailing charges.

## MEDIUM and LATE VARIETIES

**Black Mexican.** A medium late variety, reputed to be without exception the sweetest corn grown; while the grains are young they cook white; as the ear becomes older it cooks a violet shade on the outside, but in either stage of growth it is desirable. The ears are medium sized and are produced abundantly. We would not recommend this as a market variety unless one has an exclusive trade that demands it. 25c. per lb.; 2 lbs., 40c.; 85c. per 5 lbs.; 10 lbs., \$1.60; \$3.50 per 25 lbs.; 50 lbs., \$6.25; \$12.00 per 100 lbs.

**Country Gentleman** (Michell's Improved Strain). A distinct sort, with deep, fine grains which are staged irregularly on the cob. In sweetness it is unapproached and for this reason it should recommend itself to every planter. The ears are large and borne on stalks about 6 feet high; a very productive variety and desirable for market use. Our Improved Strain is a careful selection of the finest types of ears from stalks making a larger than usual yield and will give unusual satisfaction. 25c. per lb.; 2 lbs., 45c.; \$1.00 per 5 lbs.; 10 lbs., \$1.75; \$4.00 per 25 lbs.; 50 lbs., \$7.50; \$14.00 per 100 lbs.

**Late Mammoth.** Gigantic ears, of extra fine quality, produced in quantity. This is the latest maturing and largest of all sweet corns. 25c. per lb.; 2 lbs., 40c.; 85c. per 5 lbs.; 10 lbs., \$1.60; \$3.50 per 25 lbs.; 50 lbs., \$6.00; \$11.00 per 100 lbs.



## Little Gem or Shoe Peg (*Ne Plus Ultra*).

This variety is closely allied to Country Gentleman and resembles it so closely that it is difficult to separate the two. 25c. per lb.; 2 lbs., 40c.; 85c. per 5 lbs.; 10 lbs., \$1.60; \$3.50 per 25 lbs.; 50 lbs., \$6.25; \$12.00 per 100 lbs.

**Michell's Delicious.** The name hardly describes this sort. Some twenty years ago it was selected by an old-time Philadelphia gardener who bred it until he had it perfect. Ever since we acquired control thereof we have placed it with our best sugar corn grower in New England with instructions to grow it for us exclusively and keep reselecting it. The ears are well filled, medium in size and mature after the early varieties. 25c. per lb.; 2 lbs., 45c.; \$1.00 per 5 lbs.; 10 lbs., \$1.75; \$4.00 per 25 lbs.; 50 lbs., \$7.50; \$14.00 per 100 lbs.

**Stowell's Evergreen** (Michell's Improved Strain). The best late corn grown. The ears are extra large, and produced in great abundance; stalks often grow to a height of 7 feet. In sweetness it is unexcelled and for this reason it is the great favorite of the market gardener. Our strain has been re-selected and represents not only a superior quality, but a most distinct advance in every way of this splendid variety. 25c. per lb.; 2 lbs., 40c.; 85c. per 5 lbs.; 10 lbs., \$1.60; \$3.50 per 25 lbs.; 50 lbs., \$6.25; \$12.00 per 100 lbs.

## POP CORN (Shelled)

There is hardly a home in this vast country, where the popping of corn is not considered an excellent pastime during the long, dreary evenings of winter. When popped, buttered and sugared it is not only delicious, but healthful. Not all popcorn is in the right condition for popping. What we offer, however, can be relied upon for planting and popping.

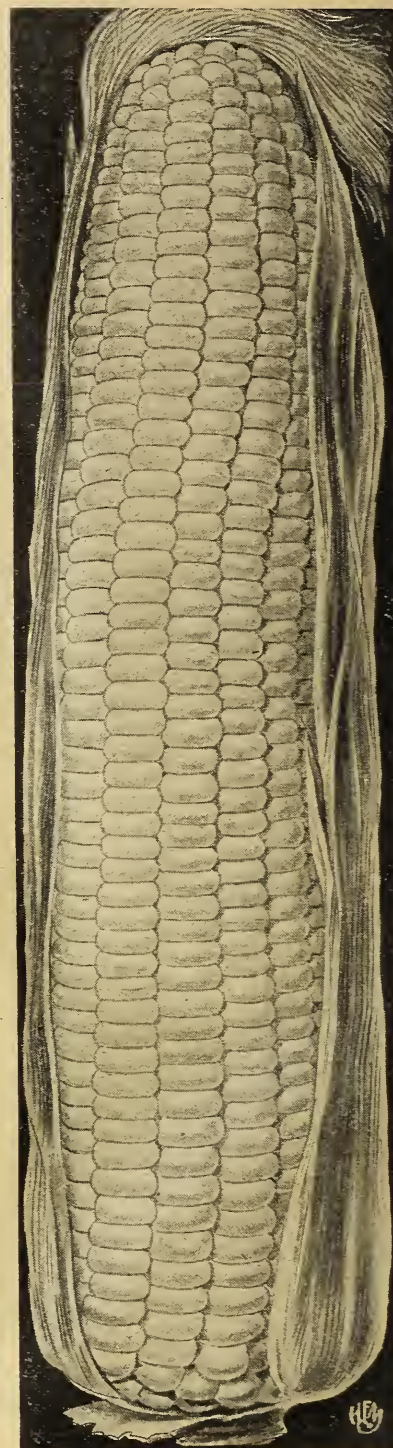
**White Rice.** Lb., 10c.; 5 lbs., 40c.

## CORN SALAD (*Fetticus*)

**Mache Ronde** (Fr.); **Ackersalat** (Ger.).

This is principally sown for a supply of greens during winter and early spring months. Sow in September broadcast; when cold weather approaches, cover it with a litter of leaves or long manure, and upon approach of spring the covering can be taken off entirely. It can be gathered on mild days during winter.

**Large Seeded, Round Leaved.** 10c. per oz.;  $\frac{1}{4}$  lb., 35c.; per lb., \$1.25; \$5.50 per 5 lbs.



*Stowell's Evergreen*





## CUCUMBER

Concombre (Fr.); Gurken (Ger.); Cetriolo (Ital.). One ounce of seed will plant 60 hills; 2 to 3 pounds per acre.

Plant when the ground has become thoroughly warmed, in hills 4 feet apart each way, 8 seeds in a hill; when the second set of leaves have formed thin out to 4 plants. A type of beetle attacks this crop occasionally, which can be conquered by spraying the vines with Pyrox or Arsenate of Lead; when this is used always wash the fruits thoroughly before placing them on sale.

**Davis' Perfect.** This remarkably fine variety is suited for growing under glass as well as outdoors. The fruits are uniform in shape and size, measuring often 10 to 12 inches. Its color is dark green all over and it is quite smooth and very productive. 15c. per oz.;  $\frac{1}{4}$  lb., 35c.; \$1.10 per lb.

**Evergreen.** The name is derived from its dark green color-retaining qualities; fruit thick and measuring about 8 to 9 inches long. 10c. per oz.;  $\frac{1}{4}$  lb., 30c.; \$1.00 per lb.

**Gherkin or Burr Cucumber.** For pickling only; the small fruits are roundish long, about 2 inches; very prickly when green. 15c. per oz.;  $\frac{1}{4}$  lb., 50c.; \$1.75 per lb.

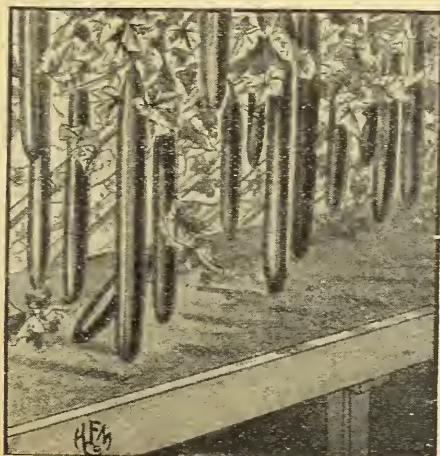
**Japanese Climbing.** A trellis variety used for shade as well as eating purposes. The vine is very ornamental, producing extra long, light green fruits in abundance. 15c. per oz.;  $\frac{1}{4}$  lb., 45c.; \$1.50 per lb.

**Jersey Pickle or Green Prolific.** This sort can be used for slicing, but is best for pickling, on account of its size, which averages 5 inches; makes ideal "Dill Pickles" as sold extensively in the delicatessen stores. 10c. per oz.;  $\frac{1}{4}$  lb., 30c.; \$1.00 per lb.

**Long Green Turkey.** This is one of the large varieties, used principally for slicing. Its dark color makes it desirable for market. The vines are very vigorous and productive, the fruits are formed almost as early as the short sorts; they are firm, crisp and have a fine flavor. 15c. per oz.;  $\frac{1}{4}$  lb., 35c.; \$1.10 per lb.

**White Spined (Michell's Arlington Improved).** This cucumber is conceded to be absolutely perfect in form, color, size

and productiveness, and is therefore the leading sort for the market garden, and also with those who make a speciality of growing them under glass. The fruit is smooth, deep green to the tip and measures uniformly 8 inches in length. It has few seeds, making it a valuable variety for slicing or pickling. A splendid keeper, retaining its color remarkably; the seed we offer is an extra selection. 10c. per oz.;  $\frac{1}{4}$  lb., 30c.; \$1.00 per lb.



English Greenhouse Cucumbers

### ENGLISH FORCING CUCUMBERS

These are splendid for growing in hotbed frames during the summer months, in preference to the open garden ground. They can thus be started earlier and protected during cool nights, as they are more tender than the regular variety; they may also be grown under glass in greenhouses during the winter. They produce fruits generally 18 to 24 inches long and 3 inches in diameter. They have a delicate flavor and possess very few seeds; for slicing, no other sorts can approach them.

**Lockie's Perfection, Sion House, Telegraph, Tender and True.** Per packet of 12 seeds of either of the 4 sorts above, 20c. each; \$1.50 per 100 seeds.

All seeds on this page mailed post free at quoted prices.

### GARDEN CRESS (Pepper Grass)

Sow thickly in early spring in drills one foot apart, and follow every two weeks, up to August 1st, with a new sowing, as it quickly runs to seed. Its very desirable pungent taste is acceptable to most any one who is fond of garden greens. It is eaten prepared with either a little salt and vinegar, or without. Makes a very tasty salad.

**Extra Curled.** 5c. per oz.;  $\frac{1}{4}$  lb., 15c.; 40c. per lb.

### WATER CRESS

This desirable cress may be sown early in spring near the brink of a pond of spring water, or piece of running water. Just scatter the seed and it will sprout and grow with wondrous rapidity; once established it remains for years, re-seeding itself.

**True Erfurt.** 35c. per oz.;  $\frac{1}{4}$  lb., \$1.15; \$4.00 per lb.



Water Cress

### Testimonial

Hastings, Neb.  
All the seed I bought of you did well and gave the best of satisfaction, and your service cannot be excelled.  
C. W. WINKLER.

### WIZARD BRAND SHEEP MANURE

The ideal manure for bench soil, potting soil or field dressing—for every crop under glass or out of doors.



# MICHELL'S VEGETABLE SEEDS

All seeds offered on this page (not plants) mailed postpaid at quoted prices.

## DANDELION

Pissenlit (Fr.); Loewenzahn (Ger.); Dente di leone (Ital.)

While this name applies to one of the most obnoxious of weeds, this variety is a valuable vegetable grown in quantities for the New England markets, where it is prized as the first spring greens. The leaves which are very fleshy, are boiled and served hot or cold; not alone is it appetizing, but very healthy and highly recommended by physicians. Seed should be sown in spring thickly in the garden, where the plants should remain for the season; late in the fall cover the bed with a movable sash, or leaves, or salt hay for protection. To be real tender it must be used very early in the spring, after which the bed should be destroyed, unless it is desired to make wine from the flowers. A new bed should be made each season.

**Thick Leaved or Cabbaging.** 65c. per oz.;  $\frac{1}{4}$  lb., \$2.25; \$8.00 per lb.

## DILL (Herb) (Annual)

Used extensively for culinary use and for putting with cucumbers when pickling, producing the famous "Dill Pickles." 10c. per oz.;  $\frac{1}{4}$  lb., 25c.; 75c. per lb.

## EGG PLANT

Aubergine (Fr.); Eierpflanze (Ger.); Petonciano (Ital.).

One ounce will produce about 2000 plants

Sow seed in March in hotbeds and when 3 inches high transplant into small pots or otherwise. Plant outdoors in May or June, or after the weather has become permanently warm. The rows should be 3 feet apart and the plants set 2 feet apart in the row.

## SELECTED NEW JERSEY GROWN SEED

**Black Beauty.** An extra early, large variety; almost black in color; very prolific and with few seeds. 45c. oz.;  $\frac{1}{4}$  lb., \$1.50; \$5.25 per lb.

**Michell's New York Improved.** An old standard; quite large and more elongated than the Black Beauty; of a rich purple color. 40c. per oz.;  $\frac{1}{4}$  lb., \$1.35; \$5.00 per lb.

## EGG PLANT PLANTS

(Ready May 15th)

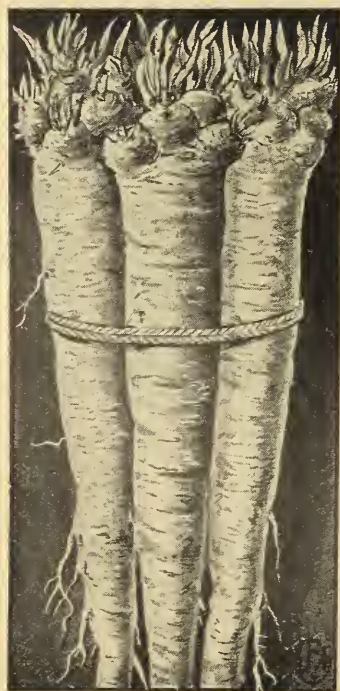
**New York Improved and Black Beauty.** Pot grown at our own nurseries. Per doz., 75c.; \$5.75 per 100.

## FENNEL (Herb)

10c. per oz.;  $\frac{1}{4}$  lb., 25c.; 75c. per lb.

**HERBS** (Garden and Medicinal).

(See page 59.)



Maliner Kren Horseradish

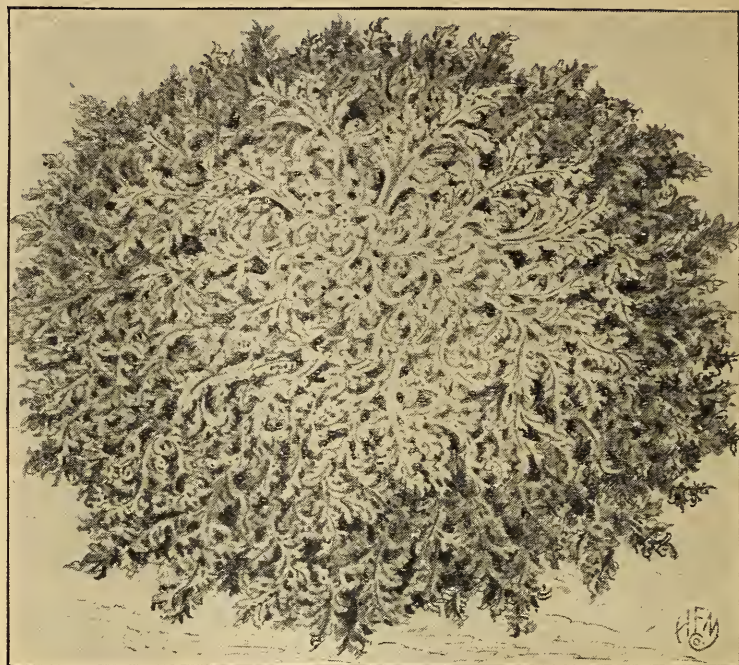
## HORSERADISH ROOTS

Raifort (Fr.); Meerttig (Ger.); Raffano (Ital.) (Ready in Mar.)

Set the roots in spring in rows  $2\frac{1}{2}$  feet apart,  $1\frac{1}{2}$  feet apart in the row. Late in the fall lift as many roots as you think you will use, cut off the top, place them in a cool cellar covered with soil or sand, and market as required. A bed once planted remains for years.

**Maliner Kren** (Bohemian).

Quick-growing variety; the very best horse-radish grown. Large, strong cuttings. \$1.50 per 100 (Postpaid, \$1.65); \$12.50 per 1000.



Michell's Giant Fringed Endive

## ENDIVE

(Sometimes called Chicory)

Chicoree (Fr.); Endivien (Ger.); Indivia (Ital.)

One ounce will sow a row 200 feet.

Sow in April for early use, or for late use from June to August in shallow drills and when 2 inches high thin out so the plants stand 10 inches apart. When fairly well developed tie the plants together at the top with twine, but do this at a time when the leaves are dry; this is called the blanching process. If the plants are protected they may be left outdoors till Christmas. If wanted for later use they must be lifted late in the autumn, placed in a dry, cool cellar, covering the roots with soil.

**Broad-Leaved Batavian** (Escarolle).

Leaves broad, light green, nearly plain. 10c. per oz.;  $\frac{1}{4}$  lb., 30c.; 90c. per lb.

**Giant Fringed** (Oyster Endive). A variety with a large white heart and broad leaves; heads measure 15 inches in diameter. 10c. per oz.;  $\frac{1}{4}$  lb., 30c.; 90c. per lb.

**Improved Green Curled.** An improvement over the common green variety, producing a larger head and more leaves. 10c. per oz.;  $\frac{1}{4}$  lb., 30c.; 90c. per lb.

**White Curled (Self-Blanching).** This is the finest White Curled variety; always crisp and tender. 10c. per oz.;  $\frac{1}{4}$  lb., 30c.; 90c. per lb.

## GARLIC SETS

Ail (Fr.); Knoblauch (Ger.); Aglio (Ital.)

A hardy flavoring onion, used extensively in the French method of cooking. This variety should not be compared with the common field sort, as this produces large bulbs. Plant and harvest the same as onions. These always find a ready sale in the market. Per lb., 30c.; \$1.25 per 5 lbs.

## HOP VINE

Besides being used in culinary and medicinal ways, this makes a valuable shade plant, placed on arbors, trellises, etc. It is hardy and rarely winter kills. The hops are gathered about September and stored for use on a dry floor or hung in bags.

**Green Variety.** Doz., \$1.50; \$10.00 per 100.

ALL PRICES SUBJECT TO MARKET CHANGES

(oo)



# MICHELL'S VEGETABLE SEEDS

45

ALL SEEDS OFFERED ON THIS PAGE MAILED POSTPAID AT PRICES QUOTED

## KALE OR BORECOLE

Chou Vert (Fr.); Blatterkohl (Ger.); Cavolo Verde (Ital.)  
One ounce will sow a drill 150 ft. long; 3 lbs. will sow an acre.

For early use it may be sown in May; when desired for winter use, sow in September, broadcast or in rows 2 ft. apart. Cover for protection against severe freezing and snow. Do not handle while in a frozen condition. One of the finest nutritious greens for winter and early spring use.

**Dwarf Green Curled.** This variety is very compact growing, rarely attaining a height of over 6 inches. The leaves are dark green and very curly. 10c. per oz.;  $\frac{1}{4}$  lb., 25c.; 85c. per lb.; 5 lbs., \$3.75.

**Imperial Long Standing.** The leaves are very crimp and of a dark green color. It stands quite tall and is an excellent producer. It is just as hardy as any of the other sorts, and will be found very profitable where quantity as well as quality is desired. 10c. per oz.;  $\frac{1}{4}$  lb., 30c.; \$1.00 per lb.; 5 lbs., \$4.50.

## KOHL-RABI

Chou Rave (Fr.); Kohl-Rabi (Ger.); Cavolo rapa (Ital.)  
One ounce will produce about 2500 plants.

It is regrettable that this splendid vegetable is not more widely used. We would suggest to those who have not given it a trial that they do so. Sow seed in early spring in hotbeds or outdoors and transplant when 3 inches high, in rows 18 inches apart, 6 inches in the row. The edible part is the bulb or root, which grows above the ground; this should be used when it attains a size of 2½ inches in diameter or less; at this stage it is extremely tender and delicious, while if allowed to get larger it is woody. Prepared and served like turnips, except that a few of the bottom leaves can be cooked with the root. Offer this to your trade and they will appreciate it.

**Blue or Purple Vienna.** The flesh is white, with a bluish skin. Principally used for outdoor sowing. 15c. per oz.;  $\frac{1}{4}$  lb., 50c.; \$1.75 per lb.

**Early White Vienna.** This variety is suited for sowing under glass and for outdoors. The top is very short, thus allowing all the development to go to the root, insuring early maturity. 15c. per oz.;  $\frac{1}{4}$  lb., 45c.; \$1.50 per lb.



Kohl-Rabi

**London Flag.** Popular for the market garden; makes a longer but narrower stalk than others. 15c. per oz.;  $\frac{1}{4}$  lb., 50c.; \$1.75 per lb.

## MANGEL-WURZEL (See Page 49)

### MARTYNIA (Unicorn Plant)

A bushy plant growing 2 feet in height, bearing clusters of pink flowers resembling gloxinias, which afterwards turn to long green pods, which when picked may be pickled the same as cucumbers, making a very tasty relish. Sow seeds in April outdoors and transplant so the plants stand 2 feet apart each way.

**Proboscidea.** 20c. per oz.;  $\frac{1}{4}$  lb., 65c.; \$2.25 per lb.

### LAVENDER (Herb)

Pkt., 10c.; 20c. per  $\frac{1}{2}$  oz.; oz., 40c.; \$1.25 per  $\frac{1}{4}$  lb.; lb., \$4.50.

### MINT (Herb)

20c. per pkt.;  $\frac{1}{2}$  oz., \$1.25; \$2.50 per oz.

### MINT PLANTS

**Spearmint.** \$1.25 per doz.; 100, \$9.00 | **Peppermint.** \$1.25 per doz.; 100, \$9.00.



Giant Carentan Leek

See pages 28 to 31 for Michell's Vegetable Seed Specialties.





# MICHELL'S CHOICE STRAINS OF LETTUCE

Laitue (Fr.); Lattich Salat (Ger.); Lattuga (Ital.).  
One ounce of seed will produce about 2500 plants.

NOTE.—All seed offered on this page mailed postpaid at prices quoted.

## HEADING VARIETIES

**All Heart.** An excellent lettuce for either spring or summer use. The head, while large, has a loose heart, which is of a decided buttery flavor; can be used for sowing in frames or in spring and early summer, outdoors. 10c. per oz.;  $\frac{1}{4}$  lb., 30c.; \$1.00 per lb.



*Michell's All Right Lettuce*

**All Right (Michell's).** This is not a variety for forcing, but rather for an early spring crop in the hotbed or outdoors, and for sowing in August for late autumn under sash or outside, where it is not affected by cold, which with some sorts, turns them brown. On the other hand, this variety retains a rich green color. The heads are very large, often 12 inches in diameter; very solid and with a rich buttery heart of light yellow. Don't use this variety for a summer crop. 10c. per oz.;  $\frac{1}{4}$  lb., 30c.; \$1.00 per lb.

**Big Boston.** A large, flat, cabbage-headed variety; splendid for midsummer or fall use or under glass in the early spring and autumn; a delightful shade of light green, tinged light brown on the outer leaves. 10c. per oz.;  $\frac{1}{4}$  lb., 30c.; \$1.00 per lb.

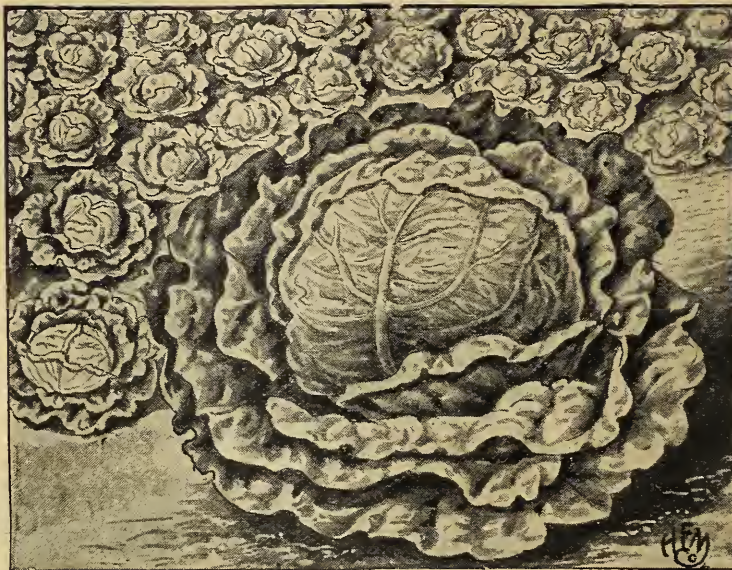
**Boston Market (White Seeded Tennisball).** Early small heading variety; one of the best for forcing; the heart is very solid and crisp. 10c. per oz.;  $\frac{1}{4}$  lb., 30c.; \$1.00 per lb.

**Davey's Improved Big Boston.** The seed of this variety is produced for us in a suburb of Paris, France, by one of the leading market gardeners there, who created a heavy demand for this variety. The strain is superior in every way to the usual strain of the Big Boston variety. The heads are larger, almost twice the size, more solid and of better flavor. The outer leaves of the head are large and somewhat loosely set around a solid, buttery, well-flavored heart or interior. We have sold this variety extensively to our market garden customers and many of them have booked their order in advance for this season's supply, in event of a crop failure. It is ideal for hotbed culture in the early spring and autumn, while for summer growing it is one of the best. 15c. per oz.;  $\frac{1}{4}$  lb., 50c.; \$1.50 per lb.

**Dutch Butter (Private Stock).** A medium-sized head; light green leaves, with delicate yellow heart. The outer leaves are tinged brown on the edges. Suitable for forcing or outdoor planting. 10c. per oz.;  $\frac{1}{4}$  lb., 30c.; \$1.00 per lb.

**Hanson Improved.** Tremendous solid heads; the outer leaves are curled; the interior is almost white and very tender; stands the heat well, therefore excellent for summer use; this produces probably the heaviest head of any variety. 10c. per oz.;  $\frac{1}{4}$  lb., 30c.; \$1.00 per lb.

**May King.** The first solid head lettuce to mature outdoors, hence its name; it is of good size with tender, full heart; outside leaves tinged golden brown. Suitable for sowing under sash in early spring. 10c. per oz.;  $\frac{1}{4}$  lb., 30c.; \$1.00 per lb.



*Michell's Number One Lettuce*

**Michell's Number One.** This lettuce is a positive header under most trying conditions. It is tender, of a decided buttery flavor, and unusually large. A valuable type for hot weather; also desirable for autumn use. Will command twice the price of other sorts. Should not be used for forcing. 15c. per oz.;  $\frac{1}{4}$  lb., 40c.; \$1.25 per lb.

Dear Sirs:—

Brooklyn, N. Y.

My order was received in such fine condition that I will always remember Michell's Seed House for my future orders.  
Respectfully, O. E.



*Davey's Improved Big Boston Lettuce*



## HEADING VARIETIES (Continued)

**New York, or Wonderful.** This is the lettuce that has for the past few years been in great demand, especially during the late winter and early spring months; its gigantic heads when the outer leaves are removed are almost white; very solid and as it grows in California apparently is without any trace of bitter taste. It does best in the latitude of Philadelphia as an early spring and a late autumn crop; while not quite as fine as it grows in California it is nevertheless lettuce which deserves greater recognition than it has heretofore received. A variety seen on the markets in Philadelphia and New York. We offer a fine strain of seed, selected from specimen heads. See illustration on page 31. 15c. per oz.;  $\frac{1}{4}$  lb., 50c.; \$1.50 per lb.



Prize Head Lettuce

**Prize Head.** A splendid loosely-formed head, claimed to do well where all others fail; desirable for outdoor planting only; has a dark tinge on the outer leaves; good for spring and summer use. 10c. per oz.;  $\frac{1}{4}$  lb., 30c.; \$1.00 per lb.

**Salamander (Mammoth).** One of the best midsummer varieties, resisting heat and drought and remains in heading condition longer than many others. The heads are enormous, a fresh green color; loose leaves can all be used, as they are brittle and tender. This strain is an improvement on the usual form. 15c. per oz.;  $\frac{1}{4}$  lb., 40c.; \$1.25 per lb.

**Wayahead.** The earliest hard headed lettuce in cultivation, doing well either under glass or in the open in spring or autumn. The heart is a golden buttery color, and of delicious flavor. 15c. per oz.;  $\frac{1}{4}$  lb., 40c.; \$1.25 per lb.

## LOOSE LEAF OR CUTTING VARIETIES

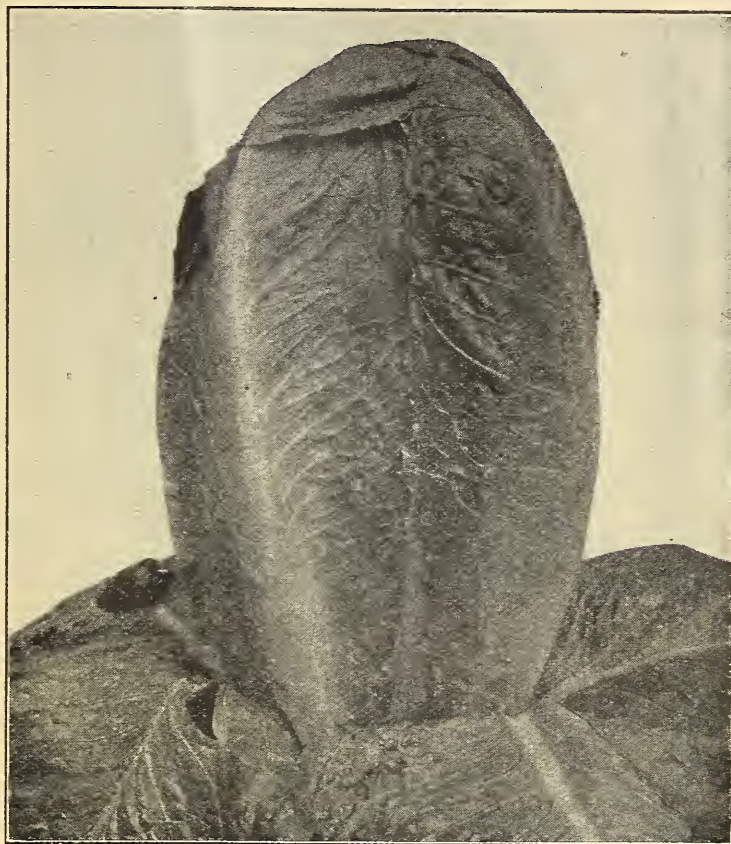
For early or midsummer use, seed should be sown very thickly. When pulling the young plants try to do so with an effort to thin out the bed, thus allowing the remaining plants to become large. This class is always tender and is preferred by many to the heading varieties. The loose leaved lettuces with the exception of Grand Rapids can hardly be regarded as suitable varieties for the market.

**Black Seeded Simpson.** Ideal for midsummer use, as it withstands the most trying conditions of heat and drought. When matured, presents a formidable loose head with finely fringed leaves. 10c. per oz.;  $\frac{1}{4}$  lb., 30c.; \$1.00 per lb.

**Grand Rapids (Special Strain).** The leading variety in this class for forcing under glass, but it may also be grown successfully outdoors. The leaves are very curly, crisp and brittle, and have a palatable flavor. 10c. per oz.;  $\frac{1}{4}$  lb., 30c.; \$1.00 per lb.

**Silesian.** This variety should be cut instead of pulled, as it makes new growth from the same root. A light green color, and when given plenty of room will form a large loose head. 15c. per oz.;  $\frac{1}{4}$  lb., 40c.; \$1.25 per lb.

All Seeds on this page mailed at prices quoted.



Lettuce, Kingsholm Cos

## COS, ROMAINE, OR CELERY LETTUCE

Of French-origin, this type, as will be seen by the illustration, differs greatly from the American varieties by its peculiar upright growth; it also has a decided flavor. To have it real tender the heads must be tied together at the top so that the inner leaves blanch. It is best adapted to outdoor planting and stands the heat well. When thinning out remember that they require less room than the regular heading varieties. The Romaine lettuces sell readily to most all trade and should be grown more generally by market gardeners.

**Kingsholm Cos.** The largest and best heading variety of this type. The inner leaves blanch almost pure white and have little or no rib; the heads are very full throughout and therefore contain more edible part. 15c. per oz.;  $\frac{1}{4}$  lb., 40c.; \$1.25 per lb.

## LETTUCE PLANTS

We can supply these during April and May only, in the leading heading varieties. 50c. per 100 (postpaid, 60c.); \$4.00 per 1000.

Shelter Island Heights, N. Y.

I would like to let you know that your Romaine Lettuce is the finest we have ever grown.

Mrs. J. F. B.

Collingdale, Pa.

The New York or Wonderful Lettuce is the best variety I ever grew; I will not plant any other variety hereafter.

J. W.

## WIZARD BRAND SHEEP MANURE

is the florists standard of quality, always uniform and always reliable. A quick acting, powerful natural fertilizer.





Melon Muscade (Fr.); Melone (Ger.); Popone Melone (Ital.)

One ounce will plant about 50 hills; 2 to 3 lbs. are required for an acre.

While these reach their greatest perfection in a light, sandy loam, any good well-prepared garden soil suits them. Plant when the ground has become permanently warm in hills 6 feet apart each way, 8 to 10 seeds in a hill. After the second tier of leaves have formed, thin out to 4 plants in a hill. Watch carefully for insects of various kinds, especially the melon louse that works under the leaf and shrivels it, causing the plant to die. To fight this successfully, raise up the vines and spray underneath with "Black Leaf 40," Pyrox, Arsenate of Lead, or some of the various Nikoteen preparations. When the vines have made a good start, they are not bothered much with insects thereafter.

**NOTE.**—All seeds offered on this page mailed postpaid at prices quoted.

**Delicious Gold Lined.** See illustration. Flesh thick, fine-grained and sweet; color green, with a gold margin next the seed cavity; slightly oval and heavily netted. A variety which every melon planter should not overlook to grow. 15c. per oz.;  $\frac{1}{4}$  lb., 50c.; \$1.50 per lb.

**Emerald Gem.** Among the standard varieties this has long been a leader. The flesh, which is thicker than any other melon of the same shape, is a rich salmon shade and ripens extremely close to the rind. It is exceedingly sweet and one of the best flat market melons. 15c. per oz.;  $\frac{1}{4}$  lb., 40c.; \$1.25 per lb.

**Fordhook.** This is claimed to be one of the best melons ever introduced. Shape like Emerald Gem, on which it is claimed to be an improvement. The flesh is a beautiful salmon orange, surprisingly sweet. The fruits are very large, often weighing 2 lbs. each; an early variety, and always prolific. The netted rind is very thin and can be eaten very closely. 15c. per oz.;  $\frac{1}{4}$  lb., 40c.; \$1.25 per lb.

**Honey Dew.** This might easily be termed a family melon because one is large enough for a number of people. In size, 6 inches in diameter and from 7 to 8 inches long. The skin is smooth, with an occasional net, and creamy white. The thick flesh is emerald green, melting and of a wonderfully delicious flavor, sweet as honey. The ripe melons can be kept in a suitable place for several weeks before using. In fact, they can be placed in cool storage and kept until Christmas. 15c. per oz.;  $\frac{1}{4}$  lb., 40c.; \$1.25 per lb.

**Jenny Lind.** A small, flat, very early sort, heavily netted and ribbed; green flesh; a good variety to plant for the first picking. 15c. per oz.;  $\frac{1}{4}$  lb., 40c.; \$1.25 per lb.

**Michell's Delicious.** This deservedly enjoys a good name, it is one of the large irregular pumpkin-shaped melons with a smooth silver-gray rind. The flesh is very deep orange-salmon. See illustration, page 31. 85c. per oz.;  $\frac{1}{4}$  lb., \$2.75; \$10.00 per lb.

**Michell's (Improved Strain) Rockyford.** The outside is a light green, changing to a grayish color; well netted; flesh, light green. It is mostly all meat, with a very small seed cavity, and often weighs a pound and one-half to the fruit. Fine for market garden. 15c. per oz.;  $\frac{1}{4}$  lb., 40c.; \$1.25 per lb.

## FORCING MELONS

(English Varieties)

Forcing melons can be grown successfully outside in hotbeds. Sow seed in pots in March and transplant to hotbed when three leaves have developed; these will ripen fruit in June and July. For indoor use treat same as forcing cucumbers.

**Blenheim Orange, Invincible-Scarlet, Windsor Castle.** Each, per pkt., 25c.

**Sutton's A1.** In original packets, \$1.00 per pkt.

**MELON NETS.** For supporting forcing melons in greenhouses; made very strong, will last for a number of crops. \$2.00 per doz.; per 100, \$12.50.

## MUSTARD

One ounce will sow a row 75 feet long. It makes a delicious green salad, pungent in taste, highly palatable and healthy. Sow every two weeks in rows the same as spinach. It must be used while young, as only then is it tender and mild. Fine winter greens if sown in a heated frame or greenhouse; also fine if served with lettuce for flavoring. The seed can be harvested if the plant is allowed to stand and used for other culinary purposes.

**Southern Giant Curled.**

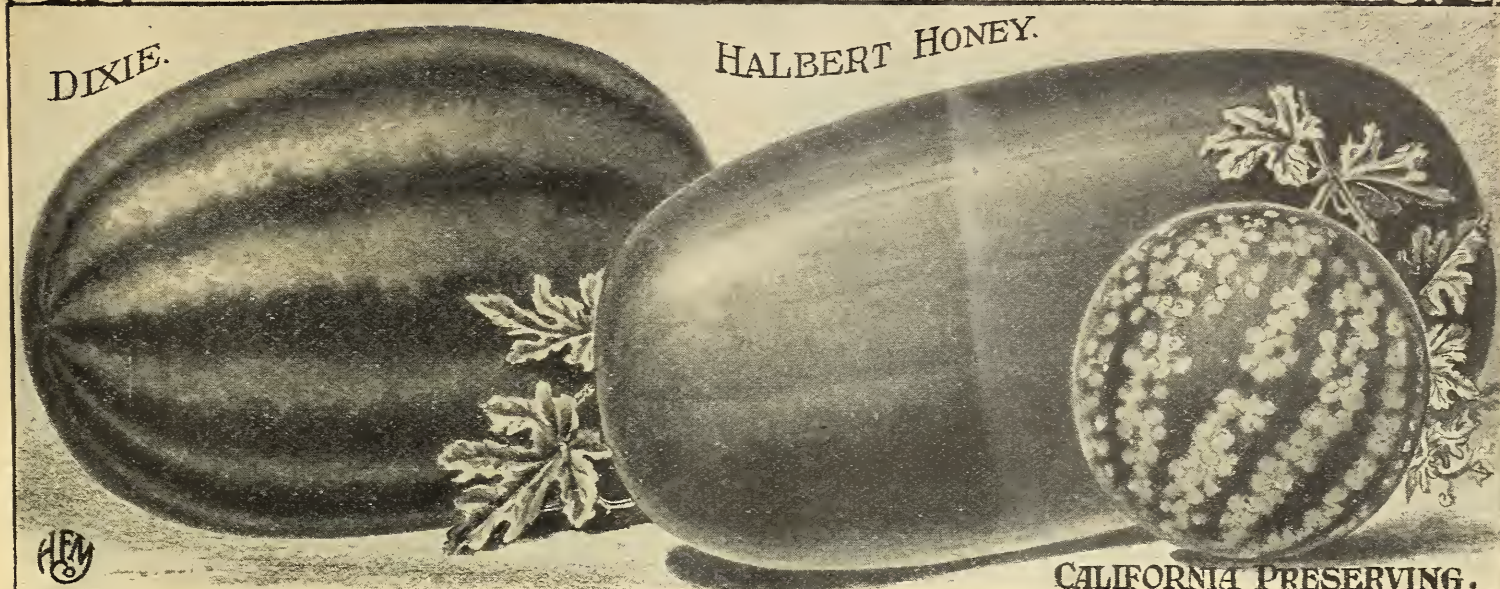
Highly esteemed in the South for the market as well as the home garden; leaves light green, tinged with yellow and crimped and frilled at the edges. 7c. per oz.;  $\frac{1}{4}$  lb., 20c.; 60c. per lb.

**White or Yellow.** 7c. per oz.;  $\frac{1}{4}$  lb., 20c.; 60c. per lb.



Mustard—Southern Giant Curled





Melon d'eau (Fr.); Wasser Melone (Ger.); Melone d'aqua (Ital.).

One, ounce will plant 30 hills, four pounds for an acre.

Plant in hills 10 feet apart each way or in drills 10 feet apart, dropping one seed every 3 feet. A little land plaster dusted over the young plants will keep beetles away. Watermelons require planting after the soil has become thoroughly warm, say about May 10th in the latitude of Philadelphia. Our list of watermelons is limited, as we offer only the varieties which from experience are the better ones.

Note—Watermelon seed sent postpaid at prices quoted.

**Dixie.** 'Tis one of the old-time favorites; roundish-long in shape. The skin is dark green, mottled light; the flesh is very sweet and ripens close to the rind. 10c. per oz.;  $\frac{1}{4}$  lb., 25c.; 75c. per lb.

**Halbert Honey.** An ideal family garden or market melon. The long fruits with blunt ends are very large and weigh often 50 lbs.; the rind is very thin, dark green, while the flesh is a rich crimson. It tastes like a sugar stick, as it melts under the pressure of the tongue. It is very prolific and is altogether a first-rater. 10c. per oz.;  $\frac{1}{4}$  lb., 25c.; 75c. per lb.

**Kleckley Sweets.** A sweet one, to be sure, with a luscious tenderness all its own. It is not a shipping variety, as the rind sets too close to the ripe, fluffy, rich red meat, when in condition to use. The melons average about 20 inches long and ripen quite early. Our strain is grown from the originator's seed stock and we can recommend it highly. 10c. per oz.;  $\frac{1}{4}$  lb., 25c.; 75c. per lb.

**Tom Watson.** A very handsome large fruit, frequently 2 feet long and 12 inches in diameter. The dark green rind is a contrast to the bright scarlet flesh which, by the way, is of splendid texture and flavor; the sugary meat really melts in your mouth. Nothing can touch it in the melon line for shipping qualities. The rind being tough, it will resist plenty of abuse. 10c. per oz.;  $\frac{1}{4}$  lb., 25c.; 75c. per lb.

## PRESERVING MELON, OR CITRON

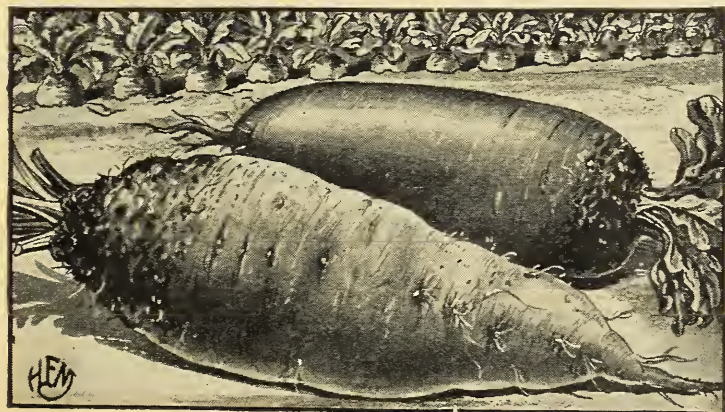
A large-fruited variety; pure white flesh and thin rind. This is expensive when bought, yet can be preserved by any energetic housewife, who will then also know it to be absolutely pure and good. It is planted like watermelon.

**California Red Seeded.** 10c. per oz.; 25c. per  $\frac{1}{4}$  lb.; 75c. per lb.

## Mangel-Wurzel or Cattle Beets

Seed selected from specimen roots.

Sow 5 lbs. per acre in April and May in thoroughly plowed, well manured soil, in drills 2 inches deep, about 24 inches apart. Thin out to stand 12 inches apart and keep the weeds down by frequent hoeing and cultivating. Low ground is best adapted for Mangel-Wurzels.



Mitchell's Mammoth Long Red and Golden Tankard Mangels

**Golden Tankard.** The best long yellow mangel in cultivation. Relished by milch cows and sheep. Matures earlier than other large sorts. 5c. per oz.;  $\frac{1}{4}$  lb., 15c.; 40c. per lb.; 5 lbs., \$1.75.

**Lane's Improved White Sugar.** This variety attains an enormous size, growing considerably above the ground; one of the best for stock feeding. 5c. per oz.;  $\frac{1}{4}$  lb., 15c.; 55c. per lb., 5 lbs., \$2.50.

**Mammoth Long Red.** This is an enormously productive variety, yielding from 50 to 75 tons to the acre, a single root often weighing from 20 to 40 pounds. It is the best long red mangel. 5c. per oz.;  $\frac{1}{4}$  lb., 15c.; 40c. per lb.; 5 lbs., \$1.75.

**Red Globe.** An excellent sort; very prolific; good for late planting. 5c. per oz.;  $\frac{1}{4}$  lb., 15c.; 35c. per lb.; 5 lbs., \$1.50.

**Yellow Globe.** Contains a large amount of sugar properties, and can be used for replanting quite late. 5c. per oz.;  $\frac{1}{4}$  lb., 15c.; 35c. per lb.; 5 lbs., \$1.50.

Note.—If mangel-wurzel is desired by parcel post, please allow 8c. per pound for mailing charges.



# MICHELL'S VEGETABLE SEEDS, Etc.



## MICHELL'S "SUPERIOR" MUSHROOM SPAWN

If wanted by mail allow for postage at the rate of 10c. per brick.

Mushrooms can be grown in a greenhouse or a cellar. A crop is produced with good spawn, a little care and patience in about 4 to 6 weeks, and continues in bearing about two months. New beds can be started at intervals which will give a supply the entire season. The first planting can be made in July, the last in March. Summer spawned beds do not bear well. Ask for our Free Booklet on Mushroom Culture, which also describes, further, these different spawns. 1 Brick will spawn 8 to 10 sq. ft.

### BRANDYWINE PURE CULTURE SPAWN

Entirely new strain, originating in the section of Pennsylvania that supplies New York and Eastern markets with mushrooms.

Per Brick.....	\$0.30	Per 25 Bricks.....	\$5.00
Per 5 Bricks.....	1.25	Per 50 Bricks.....	10.00
Per 10 Bricks.....	2.10	Per 100 Bricks.....	18.00
Per 1000 Bricks.....	\$170.00		

### AMERICAN SPORE CULTURE SPAWN

This type produces larger mushrooms than the English, coming into bearing somewhat earlier, and continuing to crop for a long time.

Direct No. 8. Cream White. For use from April to October.

Direct No. 9. Pure White. For use from October to April.

Per Brick.....	\$0.30	Per 25 Bricks.....	\$5.00
Per 5 Bricks.....	1.25	Per 50 Bricks.....	10.00
Per 10 Bricks.....	2.10	Per 100 Bricks.....	19.00
Per 1000 Bricks.....	\$185.00		



## MUSHROOM OR HOTBED THERMOMETERS

Heavy Galvanized Iron Point.....	\$2.00
Brass Point Wood Case Paper Scale.....	1.75

Thermometers should, wherever possible, be sent by express. We do not guarantee safe arrival if forwarded by parcel post.



Onion Sets

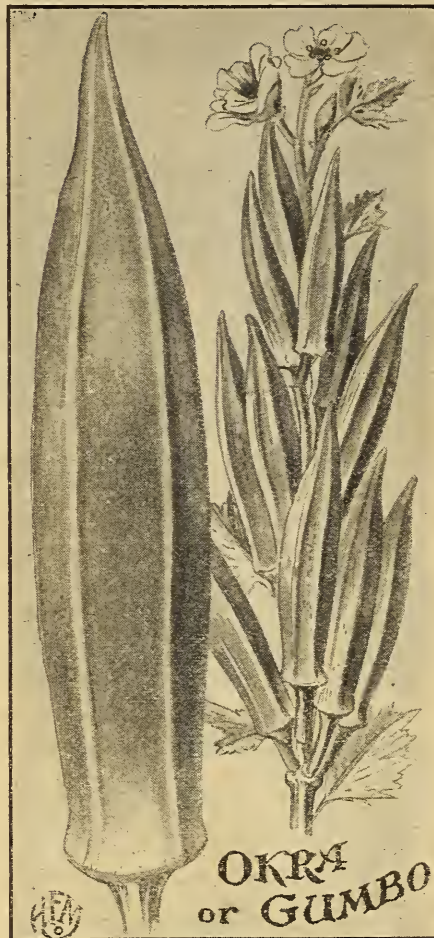
Prices change constantly. Price for onion sets will be established about February 1, 1922.

## OKRA OR GUMBO

Gombaud (Fr.); Ocher (Ger.); Ocra (Ital.).

One ounce will plant a row about 100 feet long.

The seed is sown in rows 3 ft. apart thickly (in ground that is rich) after the frost and cold have disappeared; when about



6 inches high thin out to stand 6 inches apart in the row. The pod is used when young and tender sliced in soups and stews; what is not utilized during the summer may be harvested, cut in slices and dried in the sun; after being cured in this way it should be put on the pantry shelf for use during the winter.

Perkins' Long Pod

(Improved Strain).

A wonderful dwarf type, setting pods when only a foot high. It can be planted somewhat earlier than other sorts. The pods are exceedingly long and tender and of a dark green color. We have discarded the old-fashioned Dwarf Green type in favor of this one which is really the best Okra in cultivation. 7c. per oz.; 1/4 lb., 15c.; 50c. per lb.; 5 lbs. for \$2.25.

White Velvet or

Creole. The pods of

this variety are very free from ridges, being almost perfectly smooth; they are tender and very light

green, almost white in color. 7c. per oz.; 1/4 lb., 15c.; 50c. per lb.; 5 lbs., \$2.25.

Prices quoted for Okra are postpaid.

## ONION SETS

One quart will plant a row about 50 feet; about 8 bushels will plant an acre.

Plant just as soon as the ground can be worked. Press the bulb in the ground lightly (and do not cover), in rows 12 inches apart, 2 inches apart in the row; so that all the development goes in the onion, on signs of their going to seed, bend the top over, but do not break it off. They can be harvested in the locality of Philadelphia for winter storage as early as July 10th. The advantage in planting onion sets lies in the fact that the young onion is ready in 5 weeks from the time of planting, while those grown from seed cannot be used until well in the autumn.

Shipped on Local Orders about March 10, unless otherwise requested.

If wanted by mail, add 5c. per pint and 10c. per quart for postage.

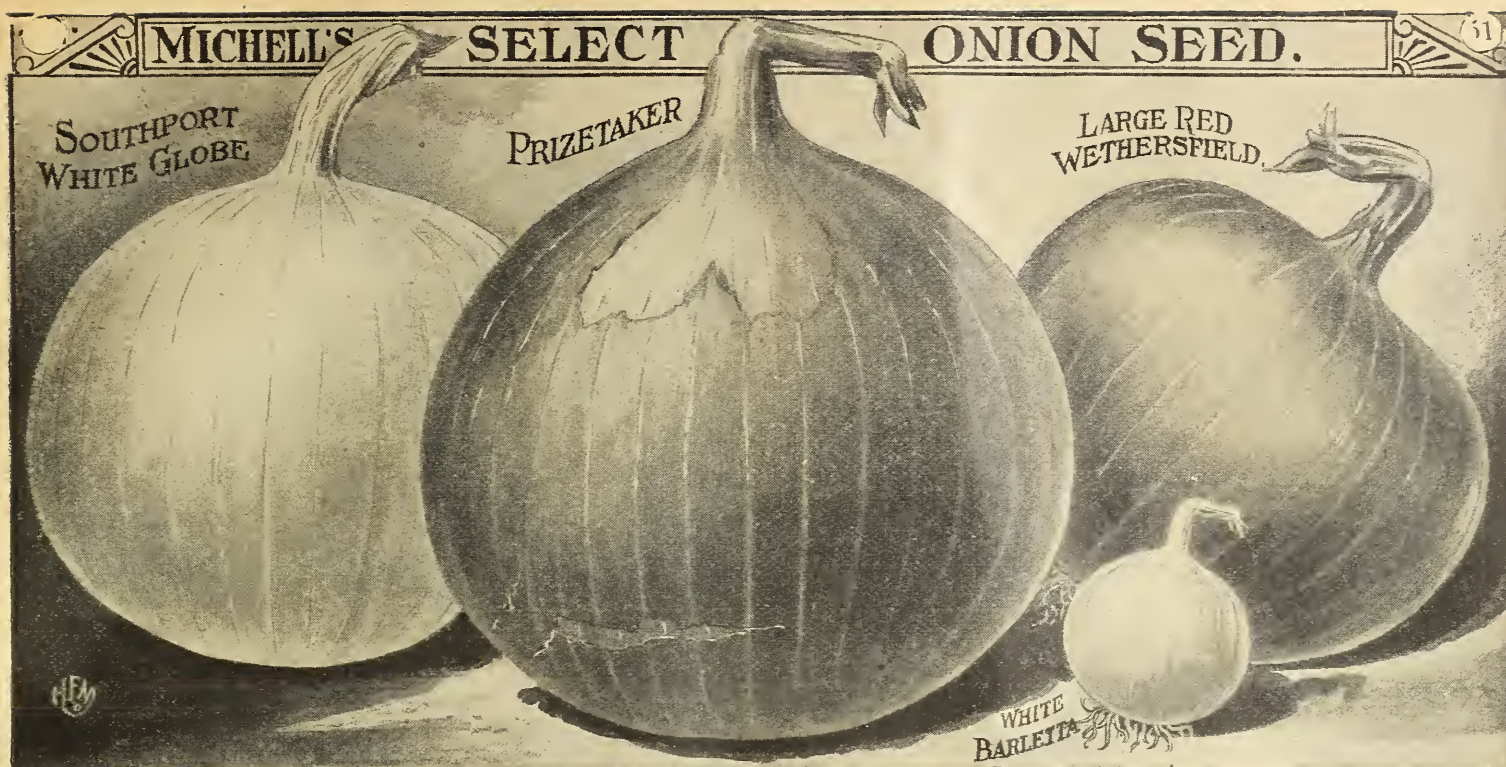
Yellow.....	White Multiplier.....
White.....	Potato Onions.....
Red.....	Shallots.....

Tree or Top Onions. Can be supplied in September and October. Garlic Sets. 30c. per lb.; 5 lbs., \$1.25.

We give 32 lbs. per bushel on Onion Sets, except Tree or Top Onions which are sold on basis of 28 lbs. per bushel.

ONION SEED. See next page.





Oignon (Fr.); Zwiebel (Ger.); Cipolla (Ital.).

NOTE.—All seeds offered on this page mailed postpaid at quoted prices.

For full size onions, one ounce will sow a 100-ft. row; 5 to 6 pounds per acre. If it is desired to grow onion sets, sow 25 to 30 pounds per acre.

Sow in the early spring in rows 2 feet or less apart, according to cultivation methods employed. The seed should be firmed in the soil. If it is desired to grow full size onions the first year, thin out when 3 inches high, so that they stand about 2 or 3 inches apart. White onions are mildest in flavor and are recommended for early use. The yellow sorts are best for winter keeping.

**Ailsa Craig.** The largest of all onions, often weighing three lbs. and over, each. In England it is the foremost variety, and will be seen there on exhibition during all vegetable shows. It is globe-shaped, slightly pointed at the top and base; the color is a beautiful straw yellow. To obtain best results sow seeds in the hotbed and later transplant it where it is to grow; in planting place 4 to 6 inches apart and thus procure gigantic specimens. 25c. per oz.;  $\frac{1}{4}$  lb., 85c.; \$3.00 per lb.

**Bermuda White.** An early variety, an immense flat partially globe-shaped bulb, producing (when transplanted about 4 inches apart) gigantic onions the first season. In the raw state it is very mild, while when cooked, the flesh is tender and of a delicious flavor. For slicing it is one of the best. See illustration, page 31. 35c. per oz.;  $\frac{1}{4}$  lb., \$1.15; \$4.00 per lb.

**Danver's Yellow Globe.** This almost round shaped onion is extensively sown by the market gardener on account of its good keeping qualities. It is a dark straw color and always produces a good crop, growing to a large size. 15c. per oz.;  $\frac{1}{4}$  lb., 45c.; \$1.50 per lb.; 5 lbs., \$6.50.

**Large Red Wethersfield.** A flat, large-growing variety. Red onions are excellent winter keepers; flavor much like the yellow sorts; full size onions can be grown in one season. 20c. per oz.;  $\frac{1}{4}$  lb., 60c.; \$2.00 per lb.; 5 lbs., \$9.00.

**Prizetaker.** A mammoth yellow variety; if sown thinly it produces full size onions in one season from seed, rivaling with the Bermuda varieties for size and flavor, often weighing 3 lbs., and more. 15c. per oz.;  $\frac{1}{4}$  lb., 45c.; \$1.50 per lb.; 5 lbs., \$6.50.

**Southport White Globe.** A beautiful type of an almost round onion, growing to enormous size. This is perhaps the best onion of all for family use. The flesh when cooked is of a rich milky color, of tender and delicious flavor, and in the raw state, it is one of the mildest. 20c. per oz.;  $\frac{1}{4}$  lb., 65c.; \$2.25 per lb.; 5 lbs., \$10.50.

**Southport Yellow Globe.** Similar to the Danvers except larger in size; more like the Prizetaker. This is one of the most uniform growing varieties, every bulb being almost perfectly round and of the same size; light straw colored skin. 20c. per oz.;  $\frac{1}{4}$  lb., 60c.; \$2.00 per lb.; 5 lbs., \$9.00.

**White Barletta.** An extra early, small round variety, used principally for pickling. 20c. per oz.;  $\frac{1}{4}$  lb., 65c.; \$2.25 per lb.; 5 lbs., \$10.50.

**Winter Keeper.** A new round-shaped, yellow variety of good size; a wonderful keeper, lasting well into the summer. For market purposes it should prove to be a winner. 15c. per oz.;  $\frac{1}{4}$  lb., 50c.; \$1.75 per lb.; 5 lbs., \$8.25.

**White or Silver Skin.** The standard white onion for market use; of very mild flavor; semi-globe shaped and very uniform in growth and size. 20c. per oz.;  $\frac{1}{4}$  lb., 65c.; \$2.25 per lb.; 5 lbs., \$10.50.

**Yellow Strasburg (or Dutch).** A dark straw color skinned sort, almost flat in shape; but a large onion. Its fine keeping qualities recommend it to the market gardener. For a yellow sort it is rather mildly flavored; for growing sets more of this variety is sold than any other; one of the best winter keepers. 15c. per oz.;  $\frac{1}{4}$  lb., 40c.; \$1.35 per lb.; 5 lbs., \$6.25.



Our onion sets are grown from choice seed, and are unusually fine. See list on page 50.

**ONION CULTURE, a good book by a Practical Grower, 80c. per copy.**

#### BOOKS ON GARDENING

The profits of gardening are materially increased with the aid of a good book on the subject. On page 186 of our retail catalog is offered a comprehensive list covering almost every phase of gardening. Add a few copies to your library. Retail Seed Catalog mailed on request.

**Wizard Brand Sheep Manure.** Any grower of flowers, fruits or vegetables can make more money by using Wizard Brand Sheep Manure than without it.



# MICHELL'S VEGETABLE SEEDS

All seeds offered on this page sent postpaid at quoted prices.

## PARSLEY

Persil (Fr.); Petersilie (Ger.); Prezzemolo (Ital.).

One ounce will sow a row 100 ft. long.

The seed should be sown in rows 18 inches apart, and when 2 inches high thinned out so the plants will stand 4 inches apart in the row. It takes parsley seed from 3 to 6 weeks ordinarily to germinate, so that a little patience in growing this is necessary. Parsley can be continued over winter outdoors if given a heavy covering of long manure.

**Champion Moss Curled.** Beautifully crimped and curled. It can be cut the year round. 10c. per oz.;  $\frac{1}{4}$  lb., 25c.; 75c. per lb.; 5 lbs., \$3.00.

**Double Curled or Covent Garden.** A great improvement over all other varieties; a nicely curled leaf which has a tendency to retain its deep green color the entire season; the best variety for the market garden. 10c. per oz.;  $\frac{1}{4}$  lb., 25c.; 75c. per lb.; 5 lbs., \$3.00.

**Hamburg or Rooted.** The fleshy roots are used for flavoring soups, stews, etc. 10c. per oz.;  $\frac{1}{4}$  lb., 25c.; 75c. per lb.; 5 lbs., \$3.00.

## PARSLEY PLANTS (Ready in April)

Large specimens; pot-grown, ready for use. 75c. per doz.; per 100, \$5.50.

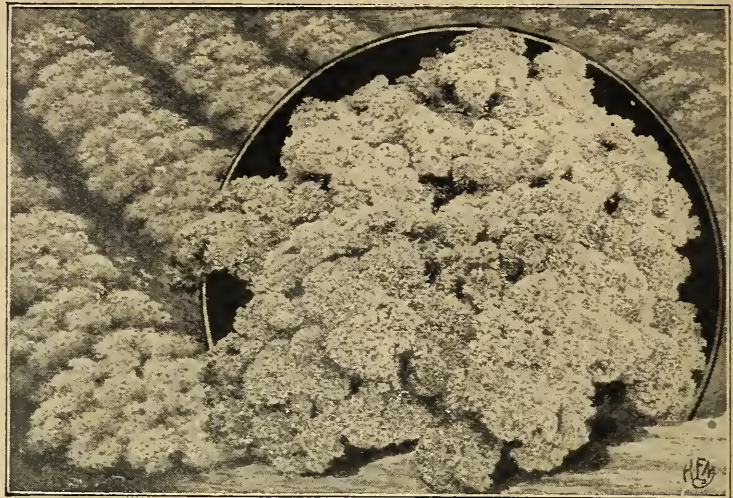
## PARSNIP

Panais (Fr.); Pastinake (Ger.); Pastinaca (Ital.).

One ounce will sow a row 150 feet long; 5 lbs. per acre.

Sow early in the spring in drills about 24 inches apart, covering the seed slightly; when the plants are 2 or 3 inches high, thin out so the roots will develop; cultivate well during the growing season.

**Improved Sugar or Hollow Crown.** A very thick, broad-topped root, which makes it lift easily. Flesh is very fine grained and sweet, while the outer surface is smooth and almost white. It yields enormous crops. 10c. per oz.;  $\frac{1}{4}$  lb., 20c.; 65c. per lb.; 5 lbs., \$3.00.



Covent Garden Double Curled Parsley

## PEPPER

Piment (Fr.); Pfeffer (Ger.); Peperone (Ital.).

One ounce produces 1200 plants.

Sow the seed in a hotbed about March 1st. Transplant to the open when all danger from frost is over. Plant in rows 3 feet apart, 15 inches apart in the row.

**Bell or Bull Nose (Sweet).** Very thick flesh, perfectly mild and a great producer. The large fruits are green, turning to vivid scarlet; fine for slicing or stuffed as mangoes. 40c. per oz.;  $\frac{1}{4}$  lb., \$1.25; \$4.50 per lb.

**Cayenne.** A long red variety; very hot and used principally for bunching with pot herbs. 25c. per oz.;  $\frac{1}{4}$  lb., 75c.; \$2.75 per lb.

**Chinese Giant.** A monster pepper; perfectly sweet, green fruit, turning to bright scarlet; matures very late; a very shy seeder. Fine for stuffed mangoes. 50c. per oz.;  $\frac{1}{4}$  lb., \$1.75; \$6.50 per lb.

**Golden Dawn.** A large yellow variety, shaped like the Chinese Giant; very sweet. 30c. per oz.;  $\frac{1}{4}$  lb., \$1.00; \$3.50 per lb.

**Neapolitan.** Early; large size; mild flavor; bright red, when ripe. See illustration and full description on page 31. 40c. per oz.;  $\frac{1}{4}$  lb., \$1.25; \$4.50 per lb.

**Pimiento.** A splendid, uniformly shaped, sweet variety. Green fruit, changing to red when fully ripe. 40c. per oz.;  $\frac{1}{4}$  lb., \$1.25; \$4.50 per lb.

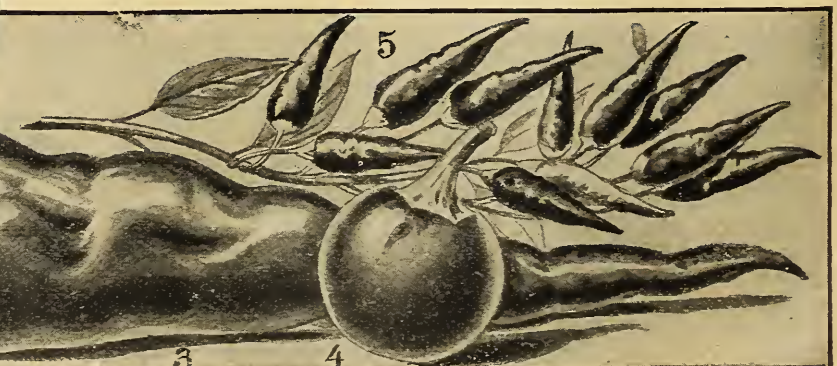
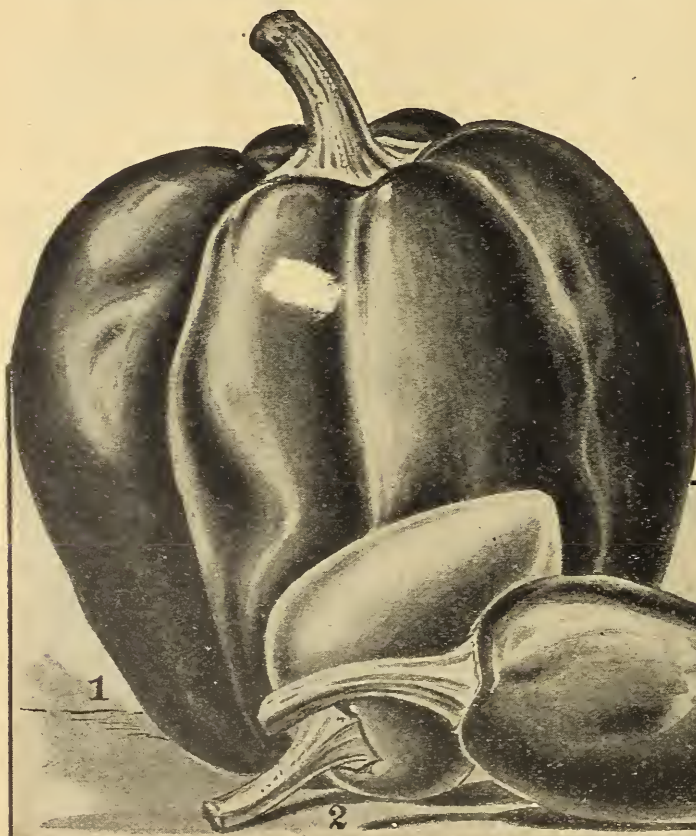
**Ruby King.** A large red variety resembling Bull Nose. 50c. per oz.;  $\frac{1}{4}$  lb., \$1.65; \$6.00 per lb.

**Ruby Giant.** Very large; adapted for stuffing; mild flavor; large green fruits turning vivid scarlet. 45c. per oz.;  $\frac{1}{4}$  lb., \$1.50; \$5.50 per lb.

**World Beater.** This appears to be identical with Ruby Giant, or is so similar that it might be termed a slight improvement. Choice seed grown in New Jersey. 45c. per oz.;  $\frac{1}{4}$  lb., \$1.50; \$5.50 per lb.

## PEPPER PLANTS (Ready in May)

Pot Grown Plants. 75c. per doz.; per 100, \$5.50.



PEPPERS. 1—Chinese Giant. 2—Pimiento. 3—Cayenne.



Pois (Fr.); Erbsen (Ger.); Pisello (Ital.)

2 lbs. will plant 100 ft. of row; one hundred to one hundred and twenty lbs. will plant an acre.

If peas are wanted by mail, allow for postage.

The smooth seeded varieties can be sown as soon as the ground can be worked; the wrinkled sorts when the ground has become warmer. The distance for planting apart depends somewhat on the variety. To have a continuous crop, sow weekly up to June 15th, and again about August 15th. For the last planting, 60 days before frost, using the dwarf early varieties.

## EXTRA EARLY VARIETIES

**Alaska.** Smooth seeded, very early; height, 2½ feet. 25c. per lb.; 2 lbs., 45c.; \$1.10 for 5 lbs.; 10 lbs., \$2.00; \$4.50 for 25 lbs.; 100 lbs., \$16.00.

**Ameer.** A very large podded early variety, following the Alaska; a heavy cropper of dark green pods; height 3 feet. 30c. per lb.; 2 lbs., 55c.; \$1.25 per 5 lbs.; 10 lbs., \$2.20; \$5.00 per 25 lbs.; 100 lbs., \$18.00.

**Dandy Extra Early.** This is a selection of the Eureka, but will be found far superior; smooth seeded, very prolific and desirable for the market garden; height 24 inches. 25c. per lb.; 2 lbs., 45c.; \$1.10 for 5 lbs.; 10 lbs., \$2.00; \$4.50 for 25 lbs.; 100 lbs., \$16.00.

**Early Eight Weeks.** One of the earliest dwarf peas in cultivation; a large yielder; medium sized pods, well filled with luscious peas; height, 12 to 15 inches. For illustration, see page 29. 40c. per lb.; 2 lbs., 75c.; \$1.65 per 5 lbs.; 10 lbs., \$3.00; \$7.00 per 25 lbs.; 100 lbs., \$25.00.

**Early June.** A green seeded smooth pea, desirable for first planting, an improvement on Alaska; height, 2½ feet, 30c. per lb.; 2 lbs., 55c.; \$1.25 for 5 lbs.; 10 lbs., \$2.20; \$5.00 for 25 lbs.; 100 lbs., \$18.00.

**Early Morn.** One of the earliest of wrinkled peas, earlier and better, it is claimed, than Gradus or Thos. Laxton. The pods are large and well filled; matures in 60 days; very prolific. 35c. per lb.; 2 lbs., 60c.; \$1.35 per 5 lbs.; 10 lbs., \$2.50; \$5.50 per 25 lbs.; 100 lbs., \$20.00.

**Gradus or Prosperity.** Never was there a pea offered which is so greatly demanded as this very early sort. It is exceedingly luscious, wrinkled and a producer of gigantic pods and peas; height, 36 inches. 35c. per lb.; 2 lbs., 60c.; \$1.45 per 5 lbs.; 10 lbs., \$2.60; \$6.00 per 25 lbs.; 100 lbs., \$22.00.

**Laxtonian.** An extra fine early, dwarf sort; pods are large and well filled with peas of extra fine quality; height, 18 inches. 35c. per lb.; 2 lbs., 60c.; \$1.35 per 5 lbs.; 10 lbs., \$2.50; \$5.50 per 25 lbs.; 100 lbs., \$20.00.

**Little Marvel.** Wrinkled; dwarf, 18 to 20 inches; prolific and sweet. 35c. per lb.; 2 lbs., 60c.; \$1.45 per 5 lbs.; 10 lbs., \$2.60; \$6.00 for 25 lbs.; 100 lbs., \$22.00.

**Mitchell's Special Extra Early.** Of the smooth seeded sorts this is the peer. Extremely early, lusciously sweet and very tender; a great yielder; height, 24 inches. 25c. per lb.; 2 lbs., 45c.; \$1.10 per 5 lbs.; 10 lbs., \$2.00; \$4.50 per 25 lbs.; 100 lbs., \$16.00.

**Nott's Excelsior (Improved Strain).** A splendid early wrinkled pea, producing heavy crops of full pods very early. One of the leading varieties for the market garden. Height, 15 inches. 30c. per lb.; 2 lbs., 55c.; \$1.25 per 5 lbs.; 10 lbs., \$2.25; \$5.00 per 25 lbs.; 100 lbs., \$18.00.

**Sutton's Excelsior.** This wrinkled variety is quite hardy and can be planted earlier than most other wrinkled sorts; very early. It grows about 16 inches high and produces a long broad pod, well filled; it follows the extra early sorts and is a great producer. 35c. per lb.; 2 lbs., 60c.; \$1.35 per 5 lbs.; 10 lbs., \$2.50; \$5.50 per 25 lbs.; 100 lbs., \$20.00.

**The Pilot or Leader.** The earliest of round seeded varieties. The pods and peas are nearly as large as those of Gradus. It can be planted, of course, much earlier. The vines are of vigorous growth, 3 feet high and produce an abundance of pods. The peas are of finest flavor. 35c. per lb.; 2 lbs., 60c.; \$1.35 per 5 lbs.; 10 lbs., \$2.50; \$5.50 per 25 lbs.; 100 lbs., \$20.00.

**Thos. Laxton.** On a par with Gradus in quality; heavy producer; wrinkled; exceedingly early. The pods are large and filled to the tip with large peas of excellent flavor. Its strong vine and heavy cropping qualities make it very suitable for an early crop in the market garden; height, 36 inches. 35c. per lb.; 2 lbs., 60c.; \$1.35 per 5 lbs.; 10 lbs., \$2.50; \$5.50 per 25 lbs.; 100 lbs., \$20.00.

Make Your Garden Pay by using Wizard Brand Sheep Manure, the ideal fertilizer for vegetables.

## SECOND EARLY VARIETIES

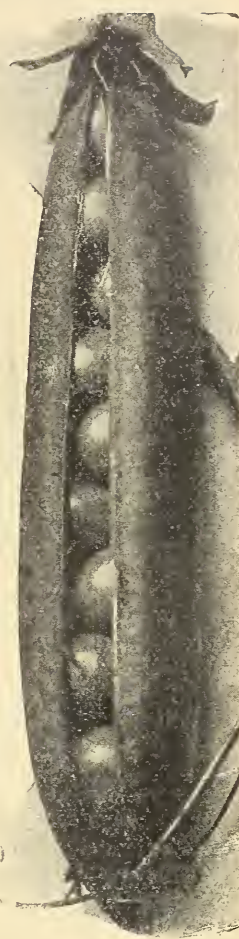
**Bliss Abundance.** Produces very large pods containing six and more peas of a delicious flavor; a great yielder; wrinkled; height, 20 inches. 25c. per lb.; 2 lbs., 45c.; \$1.10 per 5 lbs.; 10 lbs., \$2.00; \$4.50 per 25 lbs.; 100 lbs., \$16.00.

**Daisy or Dwarf Telephone.** One of the best medium early sorts, bearing heavy pods in great abundance; wrinkled and very sweet; height, 18 inches. 35c. per lb.; 2 lbs., 60c.; \$1.40 per 5 lbs.; 10 lbs., \$2.60; \$6.00 per 25 lbs.; 100 lbs., \$22.00.

**Long Island Mammoth.** Largely in use among private and market gardeners; it yields handsome large peas, very tender; height, 3½ feet. 30c. per lb.; 2 lbs., 55c.; \$1.25 per 5 lbs.; 10 lbs., \$2.20; \$5.00 per 25 lbs.; 100 lbs., \$18.00.

**Potlatch.** A wrinkled variety, similar to Daisy; very sweet; produces pods well filled with peas. 25c. per lb.; 2 lbs., 45c.; \$1.10 per 5 lbs.; 10 lbs., \$2.00; \$4.50 per 25 lbs.; 100 lbs., \$16.00.

**Yankee Prince.** A large podded wrinkled sort; heavy yielder; pods often measure 6 inches in length, and well filled with large peas of delicious flavor; height, 4 feet. 35c. per lb.; 2 lbs., 60c.; \$1.35 per 5 lbs.; 10 lbs., \$2.50; \$5.50 per 25 lbs.; 100 lbs., \$20.00.



Pea  
Thos. Laxton

## LATER CROP VARIETIES

**Champion of England.** A very tall rank grower, but a wonderful yielder of delicious quality peas; seed wrinkled; height, 5 feet. 30c. per lb.; 2 lbs., 55c.; \$1.25 per 5 lbs.; 10 lbs., \$2.20; \$5.00 per 25 lbs.; 100 lbs., \$18.00.

**Dwarf Champion.** Possesses most all of the good qualities of the famous Champion of England and has the further advantage of being dwarf; a very delicious pea which should be planted extensively; height, 2 feet. 30c. per lb.; 2 lbs., 55c.; \$1.25 per 5 lbs.; 10 lbs., \$2.20; \$5.00 per 25 lbs.; 100 lbs., \$18.00.

**Tall Telephone.** The finest late wrinkled pea grown; exceedingly sweet; an abundant producer; height, 3½ feet. 35c. per lb.; 2 lbs., 60c.; \$1.35 per 5 lbs.; 10 lbs., \$2.50; \$5.50 per 25 lbs.; 100 lbs., \$20.00.

## SUGAR OR EDIBLE POD PEAS

This type produces large, well-filled pods. They are cooked with the peas intact; very tender and exceedingly sweet. We do not recommend this as a market variety.

**Dwarf Gray Sugar.** Gray seed; height, 2 feet. 30c. per lb.; 2 lbs., 55c.; \$1.25 per 5 lbs.; 10 lbs., \$2.20; \$5.00 per 25 lbs.; 100 lbs., \$18.00.

**Tall Melting Sugar.** Height, 4 feet. 35c. per lb.; 2 lbs., 60c.; \$1.45 per 5 lbs.; 10 lbs., \$2.60; \$6.00 per 25 lbs.; 100 lbs., \$22.00.

## INOCULATING BACTERIA FOR PEAS

This is a bacteria designed to make legumes to which family of plants peas belong, more prolific in growth and production; also increasing the fertility of the soil in which they are planted.

When ordering, be sure and specify wanted for peas, as each leguminous crop requires a separate culture.

	Garden size (¼ acre)	Acre size
Farmogerm.....	\$0.50	\$1.00
Mulford Germ.....	.75	1.50
Standard Bacteria.....	.50	.75



# MICHELL'S MAINE-GROWN SEED POTATOES

Our Potatoes are Grown Expressly for Seed Purposes in the Best Districts of Maine  
Pomme de Terre (Fr.); Kartoffel (Ger.); Patata (Ital.)

Plant 12 to 14  
Bushels per Acre



**TIME OF SHIPMENT.**—Potato shipping with us commences about March 15th (weather permitting), unless otherwise requested. We can ship them at customer's risk any time during cold weather.

Our potatoes are put up in barrel sacks of 165 lbs. each. Shipment in barrels can be made at a cost of 75c. each for barrels.

**Beats Them All (Michell's).** This famous variety has given the best results wherever tried, yielding more than any other early potato; quality fine; extremely early, coming in about one week or ten days earlier than Early Rose. Oblong in shape.

**Bliss Triumph or Red Bliss.** A very early thin-skinned variety; they are frequently offered as Southern or Bermuda grown.

**Dibble's Russet.** A splendid late variety; medium size, flat and roundish in shape; quite immune to attacks of blight, etc.

**Early Rose (Houlton or Maine).** A leading variety for earliness, quality and productiveness; pink skin; oblong shape.

**Gold Coin.** Late roundish-flat variety; a heavy yielder; large.

**Green Mountain.** General crop variety; white; roundish flat.

**Irish Cobbler.** One of the earliest varieties; a splendid sort; almost round in shape; heavy producer.

**Jersey Redskin.** For late planting in July, doing especially well in light sandy soil.

**State of Maine.** An old favorite, grown by every gardener; good keeper; flat in shape.

## REGARDING POTATO PRICES

At the time of printing this catalog prices for potatoes could not be anticipated. We can, however, assure our customers that we will fill their orders at a reasonable price for first-class quality. Please do not compare Maine-grown Seed Potatoes, which we handle exclusively, with New York State grown stock.

There are more varieties of Seed Potatoes than those we offer, but those listed here are tried and proved.

## HYBRIDIZED POTATO SEED

This seed will produce innumerable new kinds, colors, shapes, sizes and qualities. The product will astonish you. Some may be of immense value. This is worth trying. Pkt., 10c.; 25c. per 3 pkts.

## SWEET POTATO PLANTS (Ready in May)

Red Nansemond. . . } Price on Application.  
Yellow Nansemond }

Sweet Potato plants are shipped at buyer's risk and not less than 100 of a variety can be supplied.

Please note that we cannot furnish tubers of seed Sweet Potatoes.

## CONCAVE POTATO KNIVES

For cutting out the eyes of seed potatoes prior to planting. Made of the best steel with concave blade. 30c. each (postpaid, 35c.).

## POTATO SCAB DESTROYER (A Formaldehyde)

Dilute 1 quart in 25 gallons of water and soak the seed potatoes in this solution for 2 hours before cutting. They should then be taken out and dried; 25 gallons treating liquid is sufficient for approximately 15 bushels of potatoes. Price: 75c. per pint (cannot be sent parcel post).

## PEANUTS

Arachide (Fr.); Erdnuss (Ger.); Cece de terra (Ital.)

One bushel nuts unshelled will plant an acre, but shell must be removed beforehand.

It is generally believed peanuts cannot be grown anywhere north of Virginia, but this is a mistake; most any well-drained garden soil suits them, where they will yield a big crop. The peanut plant rather enriches the soil instead of impoverishing it, as it is an abundant gatherer of free nitrogen.

**Selected Virginia.** 30c. per lb.; 2 lbs., 55c.; \$1.25 per 5 lbs.; 10 lbs., \$2.35.

## PENNYROYAL (Herb)

20c. per ½ oz.; per oz., 40c.; \$1.25 per ¼ lb.; lb., \$4.00.



Pumpkin—Large Tours or Mammoth

(For list of varieties of Pumpkins, see page 55.)





Radis (Fr.); Radies (Ger.); Ravanelli (Ital.)

One ounce of seed will sow a row 75 feet long; 8 to 10 lbs. are required for an acre.

Radishes should be sown in good rich ground, where they can make rapid growth, for then only do they produce the best results. The winter radishes are sown in July and are developed by autumn, at which time they may be taken up and stored in cool cellars and covered with sand.

## EARLY VARIETIES

**Cardinal or Scarlet Globe (Improved Strain).** The very best forcing variety; of perfect globular shape, and brilliant cardinal red color. 10c. per oz.;  $\frac{1}{4}$  lb., 25c.; 85c. per lb.; 5 lbs., \$3.75; \$6.50 per 10 lbs.

**Early French Breakfast.** Oblong shape; rapid grower; very mild and tender; of a brilliant scarlet color, tipped with white. 10c. per oz.;  $\frac{1}{4}$  lb., 25c.; 75c. per lb.; 5 lbs., \$3.50; \$6.25 per 10 lbs.

**Icicle (Improved Strain).** White variety of fine taste; grows  $3\frac{1}{2}$  to 4 in. long in 22 days. Suitable for summer sowing. Our stock of this is grown from carefully selected roots and is unusually good. 10c. per oz.;  $\frac{1}{4}$  lb., 25c.; 75c. per lb.; 5 lbs., \$3.50; \$6.25 per 10 lbs.

**Long Scarlet Short Top or Salmon.** A favorite variety; long, bright scarlet, with small top. 10c. per oz.;  $\frac{1}{4}$  lb., 25c.; 85c. per lb.; 5 lbs., \$3.75; \$6.50 per 10 lbs.

**Round Red Forcing or Button.** Very quick in maturing; splendid for hot-bed or garden culture. 10c. per oz.;  $\frac{1}{4}$  lb., 25c.; 75c. per lb.; 5 lbs., \$3.50; \$6.25 per 10 lbs.

**Scarlet Turnip, White Tipped.** Fine early scarlet variety with white tip. 10c. per oz.;  $\frac{1}{4}$  lb., 25c.; 75c. per lb.; 5 lbs., \$3.50; \$6.25 per 10 lbs.

## EARLY VARIETIES—Continued

**White Box, Felton's (Private stock).** A selection of the old reliable White Box radish; more perfect form, producing shorter tops and does not have a tendency to grow long in shape. 10c. per oz.;  $\frac{1}{4}$  lb., 25c.; 75c. per lb.; 5 lbs., \$3.50; \$6.25 per 10 lbs.

## SUMMER AND WINTER VARIETIES

**Celestial or White Chinese.** Large size; pure white; it is also an excellent keeper. 10c. per oz.;  $\frac{1}{4}$  lb., 25c.; 75c. per lb.; 5 lbs., \$3.50; \$6.25 per 10 lbs.

**China Rose.** Bright rose color; flesh firm. One of the best for winter use. Half-long in shape, with a scarlet blunt tip. Winter radishes should be cultivated more extensively than they are. 10c. per oz.;  $\frac{1}{4}$  lb., 25c.; 85c. per lb.; 5 lbs., \$3.75; \$6.50 per 10 lbs.

**Half Long Black.** A great improvement on the old Long Spanish Radish, which variety we have discontinued in favor of this one. 10c. per oz.;  $\frac{1}{4}$  lb., 25c.; 75c. per lb.; 5 lbs., \$3.50; \$6.25 per 10 lbs.

**White Strasburg.** Oblong, of a pure white color, and mild flavor; a splendid variety for summer. 10c. per oz.;  $\frac{1}{4}$  lb., 25c.; 85c. per lb.; 5 lbs., \$3.75; \$6.50 per 10 lbs.

# PUMPKIN

Potiron (Fr.); Kurbis (Ger.); Zucca (Ital.)

One ounce will plant 25 hills; 4 to 6 lbs. for an acre.

Plant any time after the ground has become permanently warm, about four seeds to the hill; the latter to be about 8 feet apart each way. To obtain strong vines they may be pinched back somewhat, and if large specimens are desired, leave but one or two pumpkins on a vine. Do not plant near other vine crops as they may hybridize the latter and spoil the taste; they can also be planted among corn after the last cultivating.

**Cashaw or Golden Crook Neck.** A very meaty sort suitable for pie or stock feeding purposes; flesh golden yellow and very tender. 15c. per oz.;  $\frac{1}{4}$  lb., 40c.; \$1.25 per lb.

**Connecticut or Common Field.** Almost round; fruits produced in abundance; flesh coarse; suitable only for stock feeding; color, light yellow. 10c. per oz.;  $\frac{1}{4}$  lb., 25c.; 85c. per lb.

**Japanese Pie.** A crooked-necked variety; deep green with darker stripes, which turn to a rich golden yellow. The fruit sets and matures early. The name given to it is derived from the seed, which is curiously marked like Japanese letters of the alphabet. 15c. per oz.;  $\frac{1}{4}$  lb., 45c.; \$1.50 per lb.

**Large Cheese.** A very large, flat ribbed fruit, of a beautiful buff yellow color; the interior is of fine quality. An enormous producer; ideal for market, home gardens and canning purposes. 10c. per oz.;  $\frac{1}{4}$  lb., 35c.; \$1.00 per lb.

NOTE—All seeds offered on this page are mailed postpaid at prices quoted.

**Large Tours or Mammoth.** (See illustration on page 54.) The biggest pumpkin in cultivation, producing fruits that often weigh 200 lbs. When fully ripened it is of a golden orange color, free from stringiness and ideal for pie-making or cooking. 15c. per oz.;  $\frac{1}{4}$  lb., 45c.; \$1.50 per lb.

**Tennessee Sweet Potato.** An oblong-shaped, medium-sized variety with a very light buff yellow skin. For pies it is delicious, while for cooking for table use it is dry and tasty, resembling the flavor of mashed sweet potatoes. 15c. per oz.;  $\frac{1}{4}$  lb., 45c.; \$1.50 per lb.

**Winter Luxury.** Known as the New England pie pumpkin. No Thanksgiving dinner is complete without the palatable pumpkin pie, made from this variety. The skin is a russet yellow, while the flesh is golden orange when ripe. 15c. per oz.;  $\frac{1}{4}$  lb., 40c.; \$1.25 per lb.

## SQUASH FOR PIE MAKING

The Boston Marrow and Hubbard Squashes offered on page 57 are extensively sold for pie making, in fact many people refer to them as pumpkins instead of squash.



# MICHELL'S VEGETABLE SEEDS



**RHUBARB** is a crop that should be in every market garden and truck patch. It cares for itself and always returns a good profit

## RHUBARB

Rhubarbe (Fr.); Rhabarber (Ger.); Rabarbaro (Ital.)

Seed should be sown outdoors in April in rows 3 ft. apart. The following spring the roots should be transplanted into permanent beds and placed 3 feet apart each way; the year following that or two years after sowing the seed, the rhubarb may be used. Roots may be planted in October or in the spring up to May 15th.

**Victoria.** Immense long stalks of a cherry red color, which cook splendidly; have no strings or coarse matter. The most popular variety. 15c. per oz.;  $\frac{1}{4}$  lb., 40c.; \$1.25 per lb.

## RHUBARB ROOTS

(Ready from October to May 15th)

**Victoria First Size Roots.** 85c. per doz.; per 100, \$5.00; \$45.00 per 1000.

**Victoria Extra Large Roots.** For forcing or outdoor planting. \$2.50 per doz.; per 100, \$18.00.

## RUTA BAGA

**Private Stock Purple Top Yellow.** This is the perfect ideal Ruta Baga. Top is purple, the bottom yellow. It brings a high price when sold in the market on account of its shape. Our strain of Ruta Bagas is grown from carefully selected roots and will be found highly satisfactory. 7c. per oz.;  $\frac{1}{4}$  lb., 15c.; 50c. per lb.; 5 lbs., \$2.25.

## ROSEMARY (Herb)

Pkt., 10c.; 40c. per  $\frac{1}{2}$  oz.; oz., 75c.; \$2.50 per  $\frac{1}{4}$  lb.

## SAFFRON (Herb)

20c. per  $\frac{1}{2}$  oz.; oz., 40c.; \$1.25 per  $\frac{1}{4}$  lb.; lb., \$4.00.

## SAGE (Herb)

Pkt., 10c.; 25c. per  $\frac{1}{2}$  oz.; oz., 50c.; \$1.75 per  $\frac{1}{4}$  lb.

## SAVORY (Herb)

**Summer.** 15c. per  $\frac{1}{2}$  oz.; oz., 25c.; 85c. per  $\frac{1}{4}$  lb.; lb., \$3.00.  
**Winter.** Pkt., 10c.; 35c. per  $\frac{1}{2}$  oz.; oz., 65c.; \$2.25 per  $\frac{1}{4}$  lb.; lb., \$8.00.

## SHALLOTS (See page 50)

## SALSIFY (Oyster Plant)

Salsifs (Fr.); Hafer Wurzel (Ger.); Salsefia (Ital.)

One ounce of seed will sow about 50 ft. of drill. 10 lbs. per acre. Sow in early spring, in drills 15 inches apart and 1 to 2 inches deep; when about 4 inches high, thin out. Soil should be very deep and mellow in order that the root may grow straight down. Store same as carrots for winter use, or they can be left in the ground until spring. This is one of the finest vegetables stewed and served with a cream dressing, while if sliced or made into cakes and fried like parsnips, they taste like a delicious oyster.

**Mammoth Sandwich Island.** This variety is of enormous size, twice as large as the ordinary white; pure white, very tender and delicious. 20c. per oz.;  $\frac{1}{4}$  lb., 60c.; \$2.00 per lb.; \$8.75 for 5 lbs.

**NOTE.**—All seeds offered on this page are mailed free at prices quoted.

## SORREL

Oseille (Fr.); Sauerampfer (Ger.); Acetosa (Ital.)

Large leaved. Relished principally by the French people, who use it as a spinach dressing; also as a salad. Has an acid flavor. A sowing lasts several years. Being hardy, the seed stalks should be cut off when they appear. 20c. per oz.;  $\frac{1}{4}$  lb., 65c.; \$2.25 per lb.



Spinach, Bloomsdale Savoy

## SPINACH

Epinard (Fr.); Spinat (Ger.); Spinaccio (Ital.)

One ounce will sow a row about 75 feet long; 10 to 12 pounds are required for an acre. Sow for spring use in drills one foot apart (covering the seed about one-half inch) as early as the ground can be worked, and continue to sow every two weeks till May 15th. Spinach seed seldom germinates during June, July or August, so we do not recommend sowing again until September, which is the season to provide an early winter and spring crop. Seed sown then is generally broadcasted and on approach of cold weather is covered with long manure, salt hay, straw or other suitable litter. On mild winter days it may be gathered, but it should not be disturbed while the plant is frozen. For a supply of spinach during summer, the New Zealand variety is sown in April or May. Spinach can also be grown successfully under hot bed sash during the early winter and spring months.

**Bloomsdale Round-Seeded Savoy.** The hardiest variety; curled and crimped thick, fleshy leaves; the best for early spring and fall sowing. 5c. per oz.;  $\frac{1}{4}$  lb., 10c.; 30c. per lb.; 5 lbs., \$1.40; \$2.50 for 10 lbs.; 25 lbs., \$6.00; \$22.00 per 100 lbs.

**Long Season.** A cross between Bloomsdale and the Victoria. It produces tremendously large plants and leaves, which are strong and robust. It will resist heat better without shooting to seed than any variety yet introduced. The leaves are somewhat curled and are tender. Color, a beautiful dark green. 5c. per oz.;  $\frac{1}{4}$  lb., 10c.; 30c. per lb.; 5 lbs., \$1.40; \$2.50 per 10 lbs.; 25 lbs., \$6.00; \$22.00 per 100 lbs.

**New Zealand.** This variety endures heat and drought; excellent for summer use; the leaves are small and thick. It is an enormous yielder, growing upright; one sowing can be picked from the entire summer. A very distinct variety and not generally grown for the market. 10c. per oz.;  $\frac{1}{4}$  lb., 20c.; 50c. per lb.; 5 lbs., \$2.25; \$4.00 per 10 lbs.

## SWEET BASIL (Herb)

15c. per  $\frac{1}{2}$  oz.; oz., 25c.; 75c. per  $\frac{1}{4}$  lb.; lb., \$2.50.

## SWEET MARJORAM (Herb)

10c. per  $\frac{1}{2}$  oz.; oz., 20c.; 65c. per  $\frac{1}{4}$  lb.; lb., \$2.25.



# MICHELL'S VEGETABLE SEEDS

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NOTE.—All seeds offered on this page are sent postpaid at prices quoted.



## SQUASH

Courge (Fr.); Kurbis (Ger.); Zucca (Ital.)

One ounce will plant 20 to 50 hills, 3 to 4 lbs. for an acre.

This vegetable is a popular one for summer and winter use, and being susceptible to cold it should not be planted until the ground is thoroughly warm. There are two varieties, the bush sort, being planted in hills 4 to 5 feet apart each way; the running varieties require planting 8 to 15 feet apart in order that the fruits may develop properly. Place 8 to 10 seeds in a hill, and when the third stage of leaves is set, thin out to about 4 plants in a hill. Some varieties, it will be noted, are ideal for pie-making, more delicious than some of the pumpkins.

### SUMMER VARIETIES

**Cocozelle.** This is a bush variety with smooth fruits, dark green in color, striped deeper. 15c. per oz.;  $\frac{1}{4}$  lb., 50c.; \$1.75 per lb.

**Golden Custard.** A flat scalloped type, like the White Bush; the skin is a light yellow color, and very thin, leaving plenty of meat in the centre; a bush or compact growing kind. 10c. per oz.;  $\frac{1}{4}$  lb., 30c.; \$1.00 per lb.

**Mammoth White Bush.** Of round scalloped form with an ivory white skin. This variety has an abundance of meat of very fine flavor. It is one of the earliest to mature and is very prolific, bearing continually until killed by frost. 15c. per oz.;  $\frac{1}{4}$  lb., 40c.; \$1.25 per lb.; 5 lbs., \$5.75.

### SUMMER SQUASH (Continued)

**Yellow Summer Crook Neck.** Shaped like a club with a bent neck. The skin is very rough and warted, of an orange yellow color. Much preferred by housewives on account of its very dry meat when boiled. This is a variety with a running vine. 15c. per oz.;  $\frac{1}{4}$  lb., 40c.; \$1.25 per lb.

### FALL AND WINTER VARIETIES (Running Sorts)

**Boston Marrow.** Shaped similar to Hubbard; golden orange; fine for canning for winter use, cooked as a vegetable or in pie. 10c. per oz.;  $\frac{1}{4}$  lb., 25c.; 75c. per lb.; 5 lbs., \$3.25.

**Delicious.** Well named, as it has the finest flavor of any squash; of oblong shape with a deep green skin and thin rind, with a seed cavity so small that it almost meets in the centre. One of the best winter keepers; grown extensively for market; when matured it weighs from 5 to 10 lbs. and is in its prime during the early winter; one of the very best. 15c. per oz.;  $\frac{1}{4}$  lb., 45c.; \$1.50 per lb.

**Golden Hubbard.** Used extensively for pie, but served as a vegetable, it is very dry and delicious. The outside is a deep orange red, while the flesh is very tender. 15c. per oz.;  $\frac{1}{4}$  lb., 45c.; \$1.50 per lb.

**Vegetable Marrow.** A long, greenish white variety; fine for cooking; very sweet and tender. This is the favorite squash with the English people. 15c. per oz.;  $\frac{1}{4}$  lb., 45c.; \$1.50 per lb.

## SWISS CHARD (Spinach Beet)

Poire (Fr.); Mangold Kohl (Ger.); Bieta (Ital.)

One ounce will sow a row about 50 feet long.

A wonderful vegetable which is known but too little. From every possible standpoint it has qualities that recommend its use in every household. Readily grown from seed, when it can be used five weeks after sowing and is a continuous crop until killed by frost. The plant does not produce a beet root, but its valuable part is all above the ground; large leaves with broad ribs grow from the centre of the plant; the outer leaves only should be carefully pulled from the plant and the foliage part separated from the rib in preparing to cook. The former when cooked is served like spinach, which it resembles in taste; the ribs when boiled and served with melted butter are the equal of the finest asparagus. Not generally grown for the market, but we believe with the right introduction it would become a ready seller.

**Giant Lucullus.** Very tall growing; crinkly leaves often two feet long; an enormous yielder. 10c. per oz.;  $\frac{1}{4}$  lb., 25c.; 80c. per lb.; 5 lbs. for \$3.75.

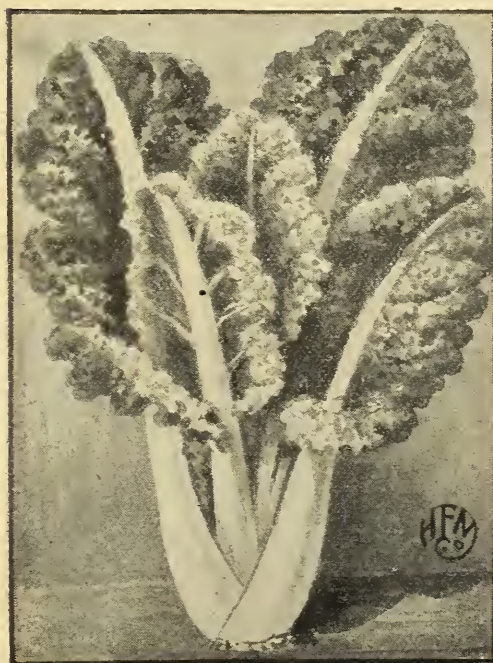
### THYME (Herb)

**French Broad Leaved Summer.** Pkt., 10c.; 40c. per  $\frac{1}{2}$  oz.; oz., 75c.; \$2.75 per  $\frac{1}{4}$  lb.; lb., \$10.00.

### TOBACCO SEED

Many people like to have a few plants of this in the garden. It attracts butterflies. The flower is very sweet scented, while the leaves may be dried, cured and made into smoking tobacco and cigars. Sow in a box indoors, transplanting when about 3 inches high into thumb pots and set outdoors in May.

	Pkt.	$\frac{1}{2}$ Oz.	Oz.
Connecticut Seed Leaf	\$0.10	\$0.40	\$0.75
Havana	.10	.40	.75
Pennsylvania Seed Leaf	.10	.40	.75



Giant Lucullus Swiss Chard



# MICHELL'S SELECT TOMATO SEED ..

MICHELL'S  
PRIVATE STOCK  
STONE TOMATO.

MICHELL'S  
GLOBE TOMATO.



Pomme d'Amour (Fr.); Liebsapfel (Ger.); Pomò d'oro (Ital.).

One ounce will produce 3500 plants;  $\frac{1}{4}$  lb. will provide enough for an acre.

Sow in the house or hotbed about March 1st, transplant when 3 inches high, and again later to produce vigorous specimens. Set plants outdoors as soon as danger from frost is over 3 feet apart, 18 inches in the row or in hills 4 feet apart each way. Properly grown tomato plants should be supported. **Note.**—All seeds offered on this page mailed free at quoted prices.

**Beauty.** One of the largest bright red tomatoes; solid and meaty; quite early. 25c. per oz.;  $\frac{1}{4}$  lb., 75c.; \$2.50 per lb.

**Bonny Best.** One of the most prolific of early tomatoes. The size is not so large, but it is very solid and evenly formed. Color, a beautiful bright red. 25c. per oz.;  $\frac{1}{4}$  lb., 85c.; \$3.00 per lb.

**Chalk's Early Jewel.** A favorite variety with the market gardener. Color, bright red; solid and a good shipper. 25c. per oz.;  $\frac{1}{4}$  lb., 85c.; \$3.00 per lb.

**Crackerjack (Michell's).** This is one of the best early tomatoes for the home garden; its productiveness being wonderful; quite free from acid and of a convenient size. Color, rich red and produced in clusters. Be sure and try it if you have not already done so. 35c. per oz.;  $\frac{1}{4}$  lb., \$1.10; \$4.00 per lb.

**Dwarf Champion.** A distinct type; the plant looks like a miniature tree; very dwarf and compact; color of fruit, bright red and very solid; late maturer. 30c. per oz.;  $\frac{1}{4}$  lb., \$1.00; \$3.50 per lb.

**Dwarf Stone.** A dwarf compact growing plant, yielding a large crop of medium-sized, very solid tomatoes. Color, bright red. The plant is very distinct and upright; late cropper. 30c. per oz.;  $\frac{1}{4}$  lb., \$1.00; \$3.50 per lb.

**Earliana (Spark's).** The most prolific early tomato ever produced. Grows in clusters; medium in size; solid and very desirable. 25c. per oz.;  $\frac{1}{4}$  lb., 85c.; \$3.00 per lb.

**Golden Queen.** Large yellow fruit; very sweet, almost free from acid; splendid for preserving. 30c. per oz.;  $\frac{1}{4}$  lb., \$1.00; \$3.50 per lb.

**Greater Baltimore.** A main crop variety; fruit large and of a brilliant red color; ripens evenly to the stem. 20c. per oz.;  $\frac{1}{4}$  lb., 65c.; \$2.25 per lb.

**John Baer.** The very first tomato to fruit in the garden; dwarf plants; fruit of medium size, red and very uniform. 30c. per oz.;  $\frac{1}{4}$  lb., \$1.00; \$3.50 per lb.

**Matchless.** Large red fruit; general crop variety. 25c. per oz.;  $\frac{1}{4}$  lb., 75c.; \$2.50 per lb.

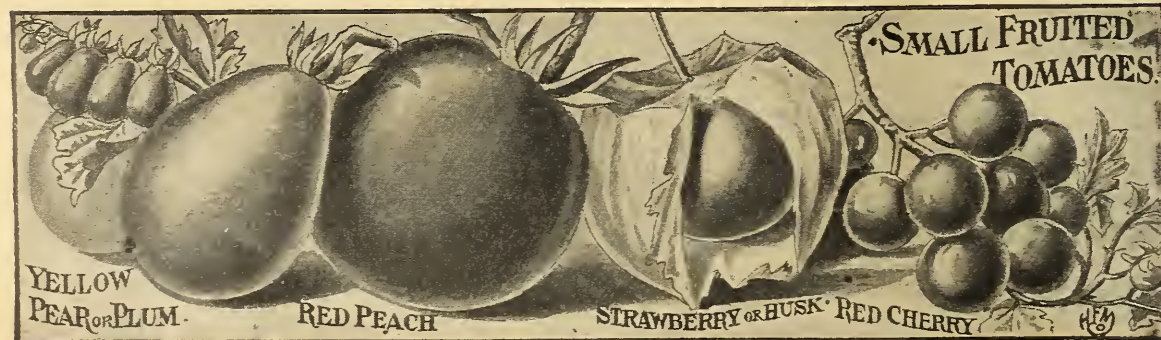
**Michell's Early Red Wonder.** The fruits are fairly large, very solid and of a beautiful red color; very uniform in shape. For illustration and full description see page 31. 40c. per oz.;  $\frac{1}{4}$  lb., \$1.35; \$5.00 per lb.

**Michell's Globe.** One of the largest and heaviest of the late tomatoes on our list; the shape is rather oblong so that for slicing it cuts more from a fruit than any other variety; absolutely smooth, never cracks and colors right to the stem. 30c. per oz.;  $\frac{1}{4}$  lb., \$1.00; \$3.50 per lb.

**Ponderosa.** The largest tomato in existence; a beautiful deep pink. 40c. per oz.;  $\frac{1}{4}$  lb., \$1.35; \$5.00 per lb.

**Red Rock.** One of the most solid varieties; medium early and of a brilliant red color; a fine one for the market garden. 25c. per oz.;  $\frac{1}{4}$  lb., 75c.; \$2.50 per lb.

**Stone (Michell's Private Stock).** A very careful selection of the old favorite Stone. The fruits are larger, more even, and produced in greater abundance. 20c. per oz.;  $\frac{1}{4}$  lb., 65c.; \$2.25 per lb.



## FORCING TOMATOES

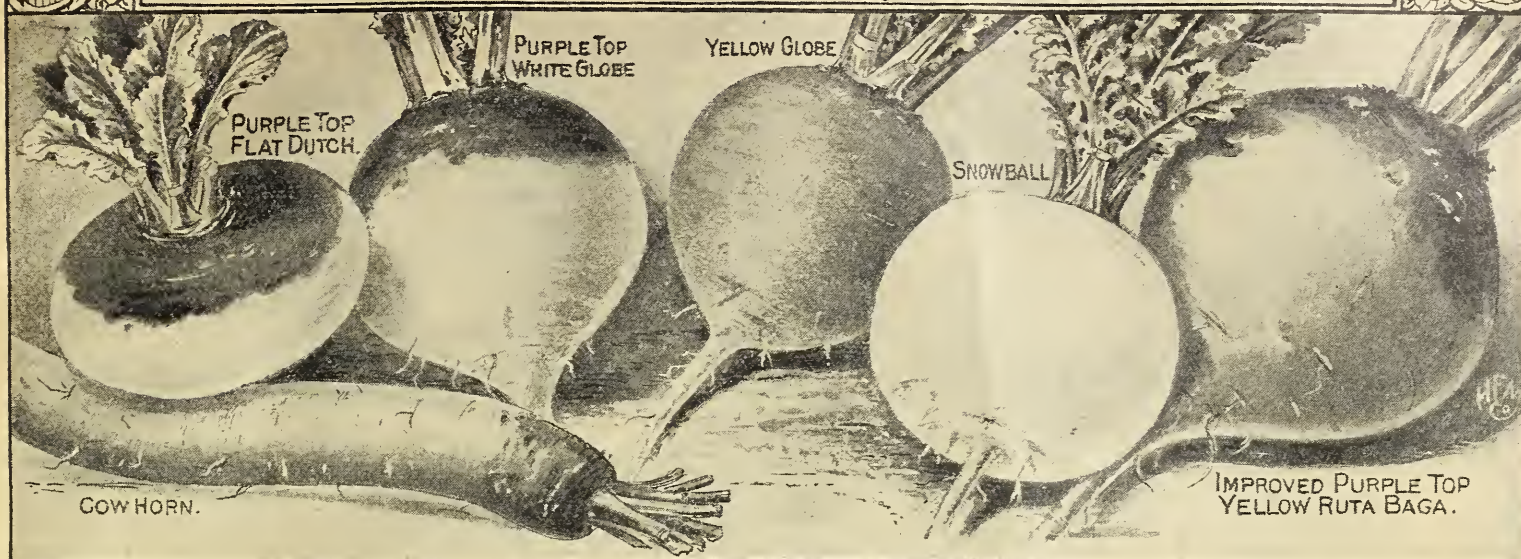
	Oz.	$\frac{1}{4}$ lb.	Lb.
Best of All	\$0.40	\$1.40	\$5.00
Comet	.35	1.10	4.00
Eclipse (Original pkts.)			\$1.00
Small Fruited Tomatoes			
	$\frac{1}{2}$ Oz.	Oz.	
Red Cherry	\$0.25	\$0.40	
Red Peach	.25	.40	
Yellow Plum	.25	.40	
Strawberry or Husk	.25	.40	

## TOMATO PLANTS

	Doz.	100	1000
Pot Grown	\$0.65	\$4.75	\$42.50

Price on Hotbed Grown Tomato Plants upon application.





Herbst Ruben (Ger.); Navet (Fr.); Navone, Rapa (Ital.). One ounce of seed for 100 feet drill; two lbs. per acre, broadcast.

For early use sow as soon as the ground can be worked in the spring. Turnips in drills fourteen inches apart; Ruta Bagas thirty inches. As the seed is fine it should be covered but slightly, except in very dry weather. Do not sow too thickly, so the roots can develop. For fall and winter use sow Turnips broadcast from the middle of July to the middle of August, and Ruta Bagas in drills in August.

NOTE.—All seeds offered on this page mailed postpaid at quoted prices.

## TURNIP

**Aberdeen.** A flat, yellow variety; a good winter keeper. 7c. oz.; ¼ lb., 15c.; 40c. per lb.; 5 lbs., \$1.75.

**Cow Horn.** A long white variety used for soiling and stock feeding; will be found far superior to crimson clover. 7c. oz.; ¼ lb., 15c.; 40c. per lb.; 5 lbs., \$1.75.

**Early Purple Top Flat.** The most popular variety in cultivation; a large yield; well flavored. For early market trade it is desirable. 7c. per oz.; ¼ lb., 15c.; 50c. per lb.; 5 lbs., \$2.00.

**Purple Top White Globe.** (Private Stock.) This is a careful selection and an improvement on the ordinary variety. A large, perfect shaped sort; the skin is purple at top and white at bot-

tom; very sweet. Market gardeners should grow this extensively. 7c. per oz.; 15c. per ¼ lb.; lb., 50c.; \$2.00 per 5 lbs.

**Snowball.** A pure white globe variety, almost round; very early. 7c. per oz.; ¼ lb., 20c.; 60c. per lb.; 5 lbs., \$2.50.

**Southern Seven Top.** Cultivated extensively in the South for the tops which are used as greens; also a favorite green food for stock. Not generally depended on for the root. 7c. per oz.; ¼ lb., 20c.; 60c. per lb.; 5 lbs., \$2.50.

**Yellow Globe or Amber.** Shaped like the Purple Top Globe, but the color is like that of a Yellow Ruta Baga. 7c. per oz.; ¼ lb., 15c.; 40c. per lb.; 5 lbs., \$1.75.

## RUTA BAGA

Ruta Bagas should be sown in drills about 30 inches apart and when 3 inches high thinned out to get the greatest root development. They need to be cultivated liberally and hilled up.

Customers frequently complain that Ruta Bagas grow too long in shape rather than in a round form. Careful inquiry has developed the fact that this is caused by sowing the seed too early.

In the locality of Philadelphia and New York the seed should

not be sown until August 1st, when it will invariably develop perfectly globular formed roots.

**Private Stock Purple Top Yellow.** A perfect ideal Ruta Baga. Top purple, bottom yellow. Brings a high price when sold in the market on account of its shape. Our strain of Ruta Bagas is grown from selected roots and will be found highly satisfactory. 7c. per oz.; ¼ lb., 15c.; 50c. per lb.; 5 lbs., \$2.25.

## SEEDS OF CULINARY AND MEDICINAL HERBS

A few herbs in the garden will be found very convenient, there being so many uses to which they can be put in the green and also dry form. For winter use they should be cut just as they come into flower, tied in bunches and hung in a light, airy place indoors where they can be available for use any time. Growers with market stalls will always find ready demand for bunched herbs.

	½ Oz.	Oz.	¼ Lb.	Lb.
Anise.....	\$0.10	\$0.15	\$0.50	\$1.50
Basil (Sweet)....	.15	.25	.75	2.50
Borage(Pkt.,10c.)	.30	.50	1.75	6.00
Caraway.....	.10	.15	.30	1.00
Chamomile (Pkt., 10c.)	.60		1.00	
*Catnip.....	.20	.35		
*Chives.....	.20	.40	1.25	4.00
Coriander.....		.10	.25	.75
Dill.....		.10	.25	.75

	½ Oz.	Oz.	¼ Lb.	Lb.
*Fennel (Sweet).....	\$0.10	\$0.25	\$0.75	
*Mint (Peppermint)(Pkt.,20c.)	\$1.25	2.50		
*Lavender.....	.20	.40	1.25	4.50
*Pennyroyal....	.20	.40	1.25	4.00
*Rosemary (Pkt., 10c.).....	.40	.75	2.50	
Saffron.....	.20	.40	1.25	4.00
*Sage (Pkt., 10c.)	.25	.50	1.75	6.50

	½ Oz.	Oz.	¼ Lb.	Lb.
Savory, Summer	\$0.15	\$0.25	\$0.85	\$3.00
*Savory, Winter (Pkt., 10c.)....	.35	.65	2.25	8.00
Sweet Majoram	.10	.20	.65	2.25
*Thyme, Broad Leaved (Pkt., 10c.).....	.40	.75	2.75	10.00

\*Varieties are hardy or perennial, while others must be planted each season.





Our connections with the best grass seed producers in America and Europe place us in a position of advantage for our supplies, chiefly because of the great volume of grass seeds we contract for. Some people have an idea that price is the only factor to consider in grass seed buying; while this has its place, it should be an after thought. "Quality is paramount." We are always pleased to submit samples with prices for comparison and let you be the judge. "Our prices and qualities are right."

Grass Seed is easily the most important item on a fairway putting green and lawn, and our house realizing this, for a number of years has made a specialty of catering to the grass seed wants of particular people.

#### Testimonial.

Harrisburg, Pa.

I have always ordered your Evergreen Lawn Grass Seed, because it has been so very satisfactory.

E. C. K.



### MIXTURES FOR LAWNS

**Michell's Clover Lawn Grass.** The increasing demand for a grass seed mixture, containing a larger portion of White Lawn Clover, induced us to offer this brand. After extensive trials we have produced a mixture of grasses, mixed with a most liberal quantity of best recleaned white clover. Especially suited to take firm hold and grow quickly on hard, worn out or burned spots; splendid for seashore lawns. Pint, 20c.; 40c. per qt.; 2 qts., 70c.; \$1.30 for 4 qts.; peck, \$2.50; \$10.00 per bush. (30 lbs.); 100 lb. lots and over, 32c. per lb.

**Michell's Top Notch.** The best Lawn Mixture in existence, and can justly be called the top-notch of quality. It is a perfectly blended combination of quick growing, very compact, fine bladed grasses, that will produce a perfect lasting turf in a few weeks. Pint, 20c.; 35c. per qt.; 2 qts., 65c.; \$1.20 for 4 qts.; peck, \$2.25; \$9.00 per bush. (25 lbs.); 100 lb. lots and over, 30c. per lb.

**Michell's Green Velvet.** Produces a perfect lawn in 4 to 5 week's time. Pint, 15c.; 30c. per qt.; 2 qts., 50c.; 90c. for 4 qts.; peck, \$1.75; \$6.50 per bush. (20 lbs.); 100 lbs. lots and over, 27½c. per lb.

**Michell's Evergreen.** The standard Lawn Mixture in the United States. Pint, 13c.; 25c. per qt.; 2 qts., 45c.; 75c. for 4 qts.; peck, \$1.40; \$5.00 per bush. (20 lbs.); 100 lb. lots and over, 22½c. per lb.

**Michell's Shaded Lawn Grass.** Will produce perfect swards in the most densely shaded places. Pint, 15c.; 30c. per qt.; 2 qts., 50c.; 90c. for 4 qts.; peck, \$1.75; \$6.50 per bush. (20 lbs.); 100 lb. lots and over, 30c. per lb.

**Fairmount Park Lawn Seed.** Pint, 8c.; 15c. per qt., 2 qts., 30c. 60c. for 4 qts., peck, \$1.15; \$4.50 per bushel (20 lbs.); 100 lb. lots and over, 20c. per lb.

**Michell's Seashore Formula Grass Seed.** Contains such grasses as thrive in salt air regions. Sow 6 bu. to the acre. Pint, 15c.; 30c. per qt.; 2 qts., 50c.; 90c. for 4 qts.; peck, \$1.75; \$6.50 per bush. (20 lbs.); 100 lb. lots and over, 30c. per lb.

**Michell's Terrace or Embankment Grass Seed.** Pint, 15c.; 30c. per qt.; 2 qts., 50c.; 90c. for 4 qts.; peck, \$1.75; \$6.50 per bush. (20 lbs.); 100 lb. lots and over, 30c. per lb.

**Southern States Lawn Grass Seed.** Made up especially for dry, hot localities; especially suited to the Southern States. Pint, 13c.; 25c. per qt.; 2 qts., 45c.; 75c. for 4 qts.; peck, \$1.40; \$5.00 per bush. (20 lbs.); 100 lb. lots and over, 22½c. per lb.

**Special Sod Grass Seed.** Produces a heavy sod in a short time. Pint, 13c.; 25c. per qt.; 2 qts., 45c.; 75c. for 4 qts.; peck, \$1.40; \$5.00 per bush. (20 lbs.); 100 lb. lots and over, 22½c. per lb.

#### Testimonial.

Erie, Pa.

We have had such good luck with the grass seed furnished by you that we don't want to get away very far from the success obtained, and beg to remain.

G. C. G.

### MIXTURES FOR PLEASURE GROUNDS

**Michell's Fair Greens (Golf Course) Mixture.** Composed of short-growing, deep-rooted varieties, resisting plenty of wear. Golf courses, to retain their permanency, should receive additional sowings during the season. Sow 6 bu. per acre. Pint, 13c.; 25c. per qt.; 2 qts., 45c.; 75c. for 4 qts.; peck, \$1.40; \$5.00 per bush. (20 lbs.); 100 lb. lots and over, 22½c. per lb.

**Michell's Putting Greens Mixture.** A quick-growing mixture of short, thin-bladed grasses, over which the ball can roll without resistance. We recommend not less than 50 to 75 lbs. to a green 75 feet square. Pint, 25c.; 50c. per qt.; 2 qts., \$1.00; \$1.75 for 4 qts.; peck, \$3.25; \$13.00 per bush. (25 lbs.); 100 lb. lots and over, 50c. per lb.

**Michell's Teeing Grounds Mixture.** Used on golf courses or in places where a tough, resisting turf is wanted. Pint, 15c.; 30c. per qt.; 2 qts., 50c.; 90c. for 4 qts.; peck, \$1.75; \$6.50 per bush. (20 lbs.); 100 lb. lots and over, 30c. per lb.

**Michell's Tennis Court Grass Seed.** Tennis courts need grasses of a hardy nature, of fine leaf and close, compact growth. Our mixture will be found particularly adapted for the purpose. Pint, 15c.; 30c. per qt.; 2 qts., 50c.; 90c. for 4 qts.; peck, \$1.75; \$6.50 per bush. (20 lbs.); 100 lb. lots and over, 30c. per lb.

**Michell's Athletic Field Grass Seed.** A special mixture of deep rooting, fine leaved grasses, especially suited for Baseball, Football and Cricket Grounds. Pint, 13c.; 25c. per qt.; 2 qts., 45c.; 75c. for 4 qts.; peck, \$1.40; \$5.00 per bush. (20 lbs.); 100 lb. lots and over, 22½c. per lb.

### MISCELLANEOUS MIXTURES

**Michell's Permanent Pasture Grass Seed.** Michell's Permanent Pasture Grass Seed is composed of about 10 of the best growing and most nutritious grasses and clovers for stock feeding or grazing. One sowing will last many years, although we advise additional sowings each autumn, just previous to which a light harrowing is recommended to give the grass a quick hold. Sow 3 to 4 bu. per acre on new land or 2 bu. on established pastures. Pint, 10c.; 20c. per qt.; 2 qts., 35c.; 65c. for 4 qts.; peck, \$1.25; \$4.50 per bush. (20 lbs.); 100 lb. lots or over, 20c. per lb.

**Michell's Permanent Hayfield Grass Seed.** This mixture is gradually being adopted by the progressive farmer. Its main advantages are that certain grasses in this mixture will grow better in varying conditions of soil, thus giving a full crop of hay on land that otherwise might produce but a half crop of timothy and clover. Sow 3 to 4 bu. per acre on new lands or 2 bu. on established fields. Pint, 10c.; 20c. per qt.; 2 qts., 35c.; 65c. for 4 qts.; peck, \$1.25; \$4.50 per bush. (20 lbs.); 100 lb. lots or over, 20c. per lb.

### WHITE CLOVER

Choice recleaned. Sow 10 to 12 lbs. per acre (60 lbs. per bushel). Per oz., 5c.; 18c. per ¼ lb.; ½ lb., 35c.; 65c. per lb.; 5 lbs., \$3.00; \$5.85 for 10 lbs.; 60 lbs. (1 bush.), \$33.00; \$55.00; per 100 lbs. Prices for larger quantity on application.



# MICHELL'S GRASS SEEDS for Every Purpose

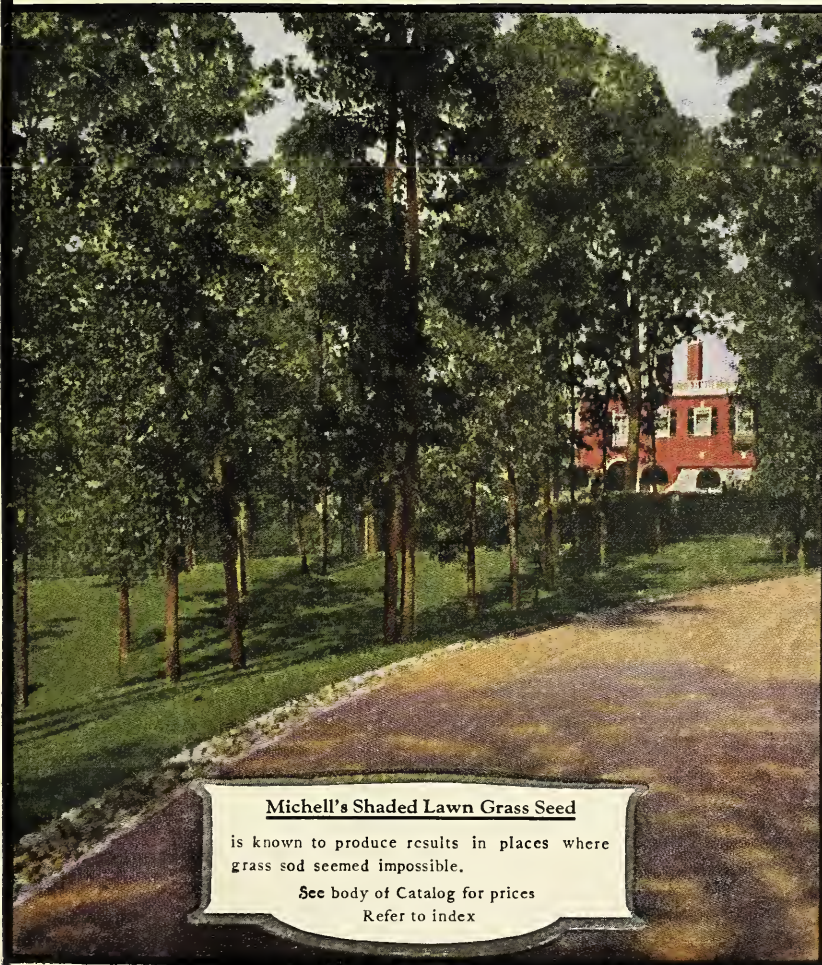


## Michell's Green Velvet Grass Seed

is undoubtedly the best value at the price to be found anywhere. The formula is based on experience and tests and is being constantly improved where possible.

See body of Catalog for prices

Refer to index.



## Michell's Shaded Lawn Grass Seed

is known to produce results in places where grass sod seemed impossible.

See body of Catalog for prices

Refer to index



## Michell's Seashore Grass Seed

thrives under a variety of seashore conditions, which usually are hard to meet with the ordinary mixtures of grass seed.

See body of Catalog for prices

Refer to index.

# WIZARD BRAND SHEEP MANURE

Please see body of Catalog for prices; refer to index.

A wonderful natural fertilizer;  
unequaled for the lawn.





## MICHELL'S RELIABLE GRASS SEEDS

### SEPARATE VARIETIES

All Strictly Recleaned and Carefully Tested for Purity and Germination. Prices Subject to Market Changes.

#### PRICES ON SEPARATE VARIETIES OF GRASS SEEDS

It is almost impossible to quote these so that the prices may be relied upon to be correct for any length of time. The crop of all sorts is abnormally short and it is difficult to get supplies, owing chiefly to world wide drought, which existed during the past growing season. We shall endeavor at all times to maintain our prices as low as possible, consistent with quality. Please send us your inquiries and orders for Grass Seed in separate varieties and we will give them our best attention.

**Bermuda Grass.** For sowing as far North as Washington, D. C., above which latitude it is not hardy (35 lbs. per bu.).

**Blue Grass. Fancy, Kentucky (*Poa Pratensis*).** Our stock of this is extra fine, thoroughly recleaned; sow 3 to 5 bu. per acre on lawns, 2½ to 3 bu. on pasture fields (14 lbs. per bu.).

**Blue Grass, Canadian (*Poa Compressa*).** Makes an ideal pasture, highly relished by cattle; excellent also for sowing on embankments; sow in same proportions as Kentucky Blue Grass Seed (14 lbs. per bu.).

**Creeping Bent (*Agrostis Stolonifera*).** Adapted admirably for lawns, also putting greens, tennis courts, etc.; sow 4 bu. per acre (20 lbs. per bu.).

**Crested Dogtail (*Cynosurus Cristatus*).** Excellent as a pasture and lawn grass. Sow 3½ to 4 bu. per acre (21 lbs. per bu.).

**Fescue, Chewing's New Zealand (*Festuca Chewing's*).** Especially recommended for putting greens and lawns (14 lbs. per bu.).

**Fescue, Creeping (*Festuca Rubra*).** Very valuable for sowing on sandy soil and in shaded places; also on putting greens (14 lbs. per bu.).

**Fescue, Fine Leaved (*Festuca Tenuifolia*).** This grass is especially valuable for dry soils. Sow 3 bu. per acre (14 lbs. per bu.).

**Fescue, Hard (*Festuca Duriuscula*).** A splendid grass for golf links, tennis courts, etc.; will resist droughts. Sow 3 bu. per acre (12 lbs. per bu.).

**Fescue, Meadow (*Festuca Pratensis*).** Sow 40 to 50 lbs. per acre (22 lbs. per bu.).

**Fescue, Red (*Festuca Rubra*).** Valuable for putting greens; also for sowing on sandy soil and in shaded places (14 lbs. per bu.).

**Fescue, Sheep's (*Festuca Ovina*).** This makes an excellent grass for sowing on lawns, fields or pleasure grounds. Sow 40 lbs. per acre (12 lbs. per bu.).

**Herd or Red Top, Fancy Recleaned.** This is one of the best grasses for sowing for immediate effect. Our stock is free from chaff and is absolutely pure. Sow 25 lbs. per acre (32 lbs. per bu.).

**Herd or Red Top, Unhulled (*Agrostis Vulgaris*).** Sow 4 to 5 bu. per acre on lawns, or 3 bu. on pasture lands (10 lbs. per bu.).

**Orchard Grass (*Dactylis Glomerata*).** For early pasturing this is very desirable; also fine for sowing in shaded places. Sow 40 lbs. per acre (14 lbs. per bu.).

**Rhode Island Bent.** For sowing at seashore resorts, on putting greens, tennis courts, etc.; 40 lbs. per acre (14 lbs. per bu.).

**Rye Grass, English or Perennial (*Lolium Perenne*).** (*Pacey's Fancy Short Seeded*.) This makes the quickest returns in growth of any grass; is deep rooted and is readily established. Sow 3 bu. per acre (24 lbs. per bu.).

**Rye Grass, Italian (*Lolium Italicum*).** Very desirable for pasture; it comes to maturity the first season; the ideal seed for southern lawns in winter. Sow 50 lbs. per acre (18 lbs. per bu.).

**Sudan Grass Seed (Annual).** This belongs to the forage crops and is allied to the millets. Sow 16 to 24 lbs. per acre.

**Sweet Vernal (Annual).** 5 lbs. per acre with other grass.

**Sweet Vernal (Perennial).** 5 lbs. per acre with other grass.

**Timothy (*Phleum Pratense*).** Sow one-half bu. per acre alone (45 lbs. per bu.).

**Wood Meadow (*Poa Nemoralis*).** The best grass for sowing under trees where a lawn is desired. Sow 30 lbs. per acre (14 lbs. per bu.).

#### WIZARD BRAND SHEEP MANURE

is the most effective and satisfactory of all lawn fertilizers; promotes a strong, healthy turf of beautiful color.



# MICHELL'S HIGH-GRADE FARM SEEDS

61

PRICES, WHERE QUOTED, SUBJECT TO MARKET CHANGES

**Alfalfa** (*Medicago Sativa*). Non Irrigated Seed. (Grown in Kansas.) Sow  $\frac{1}{2}$  bu., 30 lbs., per acre during May, August or September. Price on application.

**Alfalfa (Grimm Strain)**. This is claimed by some to be hardier than the Kansas grown seed. Price on application.

**Barley, Beardless**. Sow  $1\frac{1}{2}$  to 2 bu. per acre from May 15th to July 1st. Price on application.

**Beans, Soja**. Sow  $1\frac{1}{2}$  bu. per acre during May. Mammoth Yellow, late. Wilson, early. Price on application.

**Broom Corn**. Early Evergreen. Sow 10 lbs. per acre during May. Price on application.

**Buckwheat**. Japanese. Sow 1 bu. per acre during June and July. Price on application.

**Clover, Alsike**. Sow 10 lbs. per acre during March, April or August. Price on application.

" **Bokhara or Sweet**. Sow 15 lbs. per acre during April or August. Price on application.

" **Crimson**. Sow 20 lbs. per acre during July or August. Price on application.

" **Mammoth Red**. Sow 20 lbs. per acre during March, April or August. Price on application.

" **Red Medium**. Sow 20 lbs. per acre during March, April or August. Price on application.

" **White Dutch**. Sow 10 lbs. per acre. oz., 5c.; 18c. per  $\frac{1}{4}$  lb.;  $\frac{1}{2}$  lb., 35c.; 65c. per lb.; 5 lbs., \$3.00; \$5.85 per 10 lbs.; 60 lbs. (1 bu.), \$33.00; \$55.00 per 100 lbs.

Price for larger quantity on application.

**Canada Field Peas**. Sow  $1\frac{1}{2}$  bu. per acre, with 1 bu. of oats during April. This makes splendid green feed. Price on application.

**Cow Peas**. Sow during May 2 bu. per acre broadcast, or 1 bu. per acre in drills. Black, Black Eye and Whippoorwill. Price on application.

**Flax**. Sow 1 bu. per acre during May and June. Price on application.

**Kaffir Corn**. Sow in June and July. 10 lbs. per acre. Price upon application.

**Millet**. A splendid emergency hay crop; can be harvested in 60 days. Sow during June and July. Hungarian and Golden, sow 1 bu. per acre. Japanese, 12 lbs. per acre. Price upon application.

**Oats**. Sow from April until June; 3 bu. per acre. Swedish or Washington, Tartar King, Storm King, Welcome. Price on application.

**Rye (Spring)**. Sow  $1\frac{1}{2}$  bu. per acre broadcast during April and May. Price on application.

**Rye (Winter)**. We handle Penna., White Winter and Rosen varieties. Sow in October and November;  $1\frac{1}{2}$  bu. per acre. Price on application.



Canadian Cluster Oats

**Rape, Dwarf Essex**. Sow 6 lbs. per acre broadcast, or in drills, at intervals from April 1st to October 1st. Price on application.

**Sorghum or Sugar Cane**. Early Amber. Sow 25 lbs. per acre in drills during May or June. Price on application.

**Speltz or Emmer**. Sow during April and May; 2 bu. per acre. Price on application.

**Sudan Grass**. Similar to millet. Sow 16 to 24 lbs. per acre broadcast during April, May, June. Price on application.

**Sunflower**. Mammoth Russian (for Seeding). Splendid poultry food. Sow 10 qts. per acre in drills. 15c. per lb.; 3 lbs., 40c.; 65c. per 5 lbs.; 10 lbs., \$1.20; \$2.75 per bu. (25 lbs.).

**Timothy**. Sow  $\frac{1}{2}$  bu. per acre during April, August or September. Price on application.

**Vetch**. For green feed, green manure and cover crops. Sow 1 bu. per acre broadcast. Winter (*Vicia Villosa*). Spring (*Vicia Sativa*). Price on application.

**Wheat**. Sow  $1\frac{1}{2}$  bu. per acre in drills; Spring, Saskatchewan Fife. Winter varieties ready after September 15th. Price on application.

## FIELD CORN

We make a specialty of choice field seed corn, shelled, from carefully tipped and butted ears and dried naturally by air.

Champion White Pearl	Leaming Early Dent
Cloud's Early Yellow Dent	Reid's Yellow Dent
Drought Proof Yellow Dent	Red Cob Ensilage
Early Canada Flint	Silver King or Wisconsin
Eureka Yellow Dent Ensilage	White Cap Yellow Dent
Golden Beauty	

Field Corn weighs 56 lbs. per bushel, and prices will be quoted on application.

**ABOUT PRICES.**—These fluctuate constantly on Farm Seeds and will be quoted on application.

## CROW REPELLANT

Rids your corn crop of crows and other corn pulling birds. Saves loss of seed and labor of replanting; aids and hastens germination; protects seed from rotting in the ground.

Large can, enough for two bushels of seed corn, \$1.50; small can, enough for one bushel, \$1.00.



Soja Beans

Allow 40c. for each 2 bushel Bag for shipping Farm Seeds. (These are returnable for credit.)

(oo)



# MICHELL'S CHOICE PLANTS FOR FLORISTS



*Buddleia, Variabilis Magnifica*

**PLEASE NOTE.**—Shipments of perishable goods can only be made at your risk.

*If shipments arrive in bad condition, accept them and receipt for them accordingly, and make claim for your loss on the transportation company. We of course, hold ourselves ready to assist you in any possible way. It has been found that claims can be collected more readily by the person receiving the goods than by the shipper.*

**NOTE.**—No order of plants that aggregates less than \$1.00 will be executed at wholesale rates; such orders will be filled at retail catalog prices less 10%.

## CROTONS

We have prepared an excellent stock of these valuable decorative plants which are so much used as fillers for Easter Baskets and plant combinations. They are also good stock for growing on for filling porch and window boxes in the Spring. Choice mixed varieties 3 inch pots, \$6.00 per doz.; per 100, \$45.00.



*Croton*

## BUDDLEIA, VARIABILIS MAGNIFICA

As a summer outdoor cut flower there are few plants that can be produced at anything like the low cost of Buddleia; a 3-inch pot plant will bloom profusely the first year and develop into a large bush. The long flower spikes are made up of numerous small florets; the color is a beautiful lilac, slightly on the shade of lavender; the cut blooms keep well in water, while the plant is a mass of bloom from late June until frost. It is perfectly hardy and increases in size and vigor each season. Pot grown plants, \$1.50 per doz.; per 100, \$10.00.

## ASPARAGUS

*Plumosus Nanus.* Strong plants from 3 in. pots, \$1.75 per doz.; per 100, \$12.00.

## FICUS ELASTICA

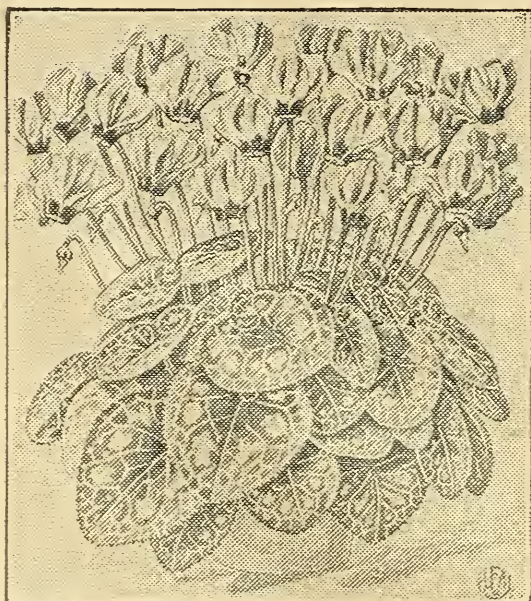
(Rubber Plant)

Strong plants from 5-inch pots, per doz., \$9.00; per 100, \$65.00; 6-inch pots, per doz., \$12.00; per 100, \$90.00.

## ADIANTUM FARLEYENSE GLORIOSUM

(The Glory Fern)

This is an easy growing form of Adiantum Farleyense which is considered the most beautiful of all Maiden Hairs, succeeding under almost the same conditions as any of the more common house Ferns. Strong plants from 3-inch pots, doz., \$3.50; 100, \$25.00; 4-inch pots, doz., \$5.00; 100, \$37.50.



*Mitchell's Giant Show Cyclamen*

## CYCLAMEN SEEDLINGS

Grown from our Giant show strain of Seed. In separate colors. Not less than 100 seedlings sold, or not less than 25 of a color.

This stock affords the grower (who may have overlooked sowing his supply, or who may have failed therewith) to be assured of a reliable supply of choice seedlings, the purchase of which will have saved him at least five or six months' work and care.

Shipments of these can be best made by special delivery, Parcel Post.

Price, \$6.50 per 100; per 1000, \$60.00.



*Adiantum Gloriosum*





## NEPHROLEPIS SCOTTI

Rooted runners ready for potting, \$3.00 per 100; \$11.25 for 500; \$20.00 per 1000. Strong plants in 6 in. pots, \$1.00 each.



## KENTIA PALMS

The Kentia is by all means the best Palm for general use; we have a fine lot of both Belmoreana and Forsteriana—good clean sturdy stock. 4-inch pots, 65c. each; \$7.20 per doz.; \$50.00 per 100.

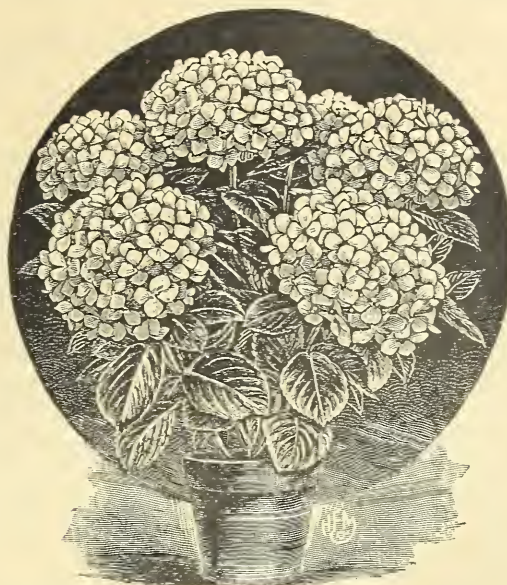


## GERANIUM, HELEN MICHELL

Grows compact, medium dwarf, with lustrous green foliage and throws up gigantic flower-heads very freely. We claim it to have the largest flower-heads of any of the Bedding Geraniums. The individual blooms frequently measure 2 inches across. It is a common occurrence that a single 4-inch pot plant shows four fully open gigantic flower-heads, several half open and more in bud. We further claim that "Helen Michell" is the best Commercial Scarlet Geranium in existence. Prices, 2½-inch pots, \$1.50 per doz.; 25 for \$2.25; \$8.00 per 100; per 1000, \$75.00.

## PANDANUS VEITCHI

We have a very nice stock of this highly decorative plant, well colored. 5-inch pots, \$1.00 each; \$10.00 per doz.



## MICHELL'S FORCING HYDRANGEAS

For several years we have been making a specialty of growing Hydrangeas for the florist's trade. The list of commercial varieties has become so voluminous that we have combed it thoroughly with the result we are offering what we consider the best sorts for the commercial grower to handle. We grow these in great numbers and feel certain the quality of our plants will please the buyer. The 2½-inch stock is especially desirable for growing on.

**Baby Bimbimet.** Dwarf silvery rose; early and very free.

**Gen deVibraye.** Large bright rose.

**Mme E. Moulliere.** The well known and popular white.

**Otaksa.** The old favorite and still one of the best.

**Radiant.** Deep rosy carmine.

**Trophee.** Red; a strong grower and free bloomer.

## PRICES FOR ANY OF THE ABOVE VARIETIES

	Doz.	100
2½-inch pots.....	\$1.50	\$8.00
4-inch pots.....	3.50	25.00



# MICHELL'S HARDY PERENNIAL PLANTS

For a complete list of Hardy Perennial Plants see our Retail Catalog—Copy mailed upon request.

Our hardy perennial plants are perfectly hardy and thoroughly acclimated, invariably giving real results. We grow our perennials principally in pots, though we also have at times field-grown plants, and we will fill your order with whichever stock gives you the best value or results at the time it is executed. You may rely upon our judgment in this connection. We have had constructed a splendid range of concrete frames for wintering over perennials—in fact, they have been pronounced by experts to be the best equipment of their kind ever seen. Our list of perennial plants includes only those of known usefulness, distinctiveness and merit. Our book on "Hardy Perennials" is an instructive publication, and it can be had free on request.

## ACHILLEA (Milfoil or Yarrow)

**Millefolium, Cerise Queen (Rosy Milfoil).** Finely cut, deep green foliage; flowers cherry red in dense heads; 18 inches high.  
**Ptarmica Fl. Pl. "The Pearl."** Pure white flowers borne in the greatest profusion the entire summer on strong, erect stems, 2 feet high; as a summer cut flower it is of great value.  
 Price, \$1.50 per doz.; per 100, \$10.00.

## ANCHUSA (Sea Bugloss)

**Italica. "Dropmore Variety."** Plants grow 4 feet high in pyramidal shape, branch freely and are loaded with bright blue Forget-me-not-like flowers in June; very showy and valuable.  
**Opal.** Pale blue; very large flowers.  
 Price, \$2.00 per doz.; per 100, \$15.00.

## ARTEMISIA

A most useful class of plants either for the border or for filling in within the shrubbery; highly ornamental foliage. The varieties we offer stand cutting down to 5 or 6 inches when used in carpet bedding.

**Abrotanum (Old Man, or Southern-wood).** Dark green, finely cut foliage, with pleasant aromatic odor; 2 feet.

**Pedemontana.** A handsome variety with finely cut silvery foliage.

**Stelleriana (Old Woman).** Deeply-cut silvery foliage; much used in carpet bedding; 18 inches.

Price, \$1.50 per doz.; per 100, \$10.00.

## ARTEMISIA LACTIFLORA

A new variety of great merit; flowers white, in much branched panicles; very fragrant; 4 ft.; Aug., Sept. Should be planted in fertile, moist soil. \$2.00 per doz.; per 100, \$15.00.



*Artemisia Lactiflora*

## BOLTONIA (False Chamomile)

**Asteroides.** Pure white; very effective; 5 to 7 feet.  
**Latisquama.** Pink, slightly tinged with lavender, 4 to 6 feet.  
 Price, \$1.50 per doz.; per 100, \$10.00.

## CHRYSANTHEMUM (Shasta Daisy)

**Arcticum (The Arctic Daisy).** Among fall-flowering perennials, this is a perfect gem. In September multitudes of pure white flowers appear, from 2 to 2½ inches in diameter. These begin to develop during the last week in September, and continue in good condition throughout October, and frequently into November.

**Shasta Daisy (Alaska).** A decided improvement on the original, with blooms 4½ to 5 inches across, of pure glistening white. Very free-flowering and in bloom all summer and fall.  
 Price, \$1.50 per doz.; per 100, \$10.00.



*Hardy Chrysanthemum*

## HARDY CHRYSANTHEMUMS

The Hardy Chrysanthemums are becoming more popular each year and we do not wonder, considering their value to the Florist. They are perfectly hardy if planted in a well drained position and given a covering of leaves for the winter. We offer 12 varieties all of which are excellent sorts for cutting and are of a good range of colors.

**Glory of Seven Oaks.** Dwarf golden yellow; very free and very early.

**Golden Climax.** Golden yellow button.

**Josephine.** Bright yellow; large flowering.

**Julia.** Orange Scarlet.

**L'Agentuillais.** Deep chestnut in color; very fine.

**Lilian Doty.** Beautifully formed shell pink flowers.

**Minta.** Light pink; very fine.

**Mrs. H. F. Vincent.** Fawn and bronze with salmon pink shadings.

**Mrs. Chester Robinson.** Rose pink; very free; fine for cutting.

**La Purity.** Fine creamy white.

**Rosea.** Bright red, wonderfully colored.

**White Doty.** A pure white sport of Lilian Doty.

Any of the above varieties ready after April 1st, from 2¼-inch pots, \$1.00 per doz.; per 100, \$7.00; \$65.00 per 1000 (orders booked now).





*Delphinium Belladonna*

## MICHELL'S CLIMBING PLANTS AND VINES

**Evonymus Radicans.** Self-clinging vine, suitable for covering walls, stumps or rockeries, or wherever a vine of slow growing habit is desired. Deep green foliage. \$1.50 per doz.; per 100, \$10.00.

**Evonymus Radicans Variegata** variegated foliage, otherwise like the above variety; valuable for covering low walls. \$1.50 per doz.; per 100, \$10.00.

**HONEYSUCKLE.** This requires very little description, always yielding in their season a wealth of fragrant bloom.

**Chinese Evergreen.** Yellow and white variegated flowers; very fragrant; blooms the entire season.

**Halliana (Hall's Honeysuckle).** Pure white, turning to yellow; fragrant, hardy evergreen; flowers from June until frost.

**Variegated (Aurea Reticulata).** Foliage beautifully mottled yellow and green; flowers white and yellow.

Price of any of the above Honeysuckles, strong 1-year old plants, 4-inch pots, \$2.00 per doz.; per 100, \$15.00; strong 2-year old plants, 6-inch pots, \$4.00 per doz., per 100, \$30.00.

**Ivy (English).** This is an invaluable plant for covering brick and stone walls and buildings. It rarely ever dies out and needs no attention. 4-inch pot plants, \$2.75 per doz.; per 100, \$20.00.

**Please Note.**—No order of plants that aggregates less than \$1.00 will be executed at wholesale prices; such orders will be filled and charged at retail prices less 10%.

## DELPHINIUM (Hardy Larkspur)

**Belladonna.** The freest and most continuous blooming of all, never being out of flower from the end of June until cut down by hard frost. The clear turquoise-blue of its flowers is not equalled for delicacy and beauty by any other flower. \$1.50 per doz.; per 100, \$10.00.

## EUPATORIUM

**Coelestinum.** A pretty hardy plant, with light blue flowers similar to the Ageratum. This is a particularly fine thing in hardy perennials and blooms more freely than most sorts, lasting for weeks; a splendid cut flower. 18 to 24 inches. \$1.75 per doz.; per 100, \$12.00.

## FUNKIA

**Undulata Media picta.** Green and white variegated foliage; makes a fine edging; purple flowers in July, on 2 ft. stems. Strong divisions, \$1.75 per doz.; per 100, \$12.00.

## HELIANTHUS (Hardy Sunflower)

**Multiflorus fl. pl.** Large, double golden yellow; July-August; 4 feet. \$1.50 per doz.; per 100, \$10.00.

## HIBISCUS (Mallow)

**Giant Flowering.** A wonderfully improved form of our greatly admired Marsh Mallows. They attain a height of 6 to 7 feet, have beautiful lacinated foliage and monstrous flowers, measuring from 6 to 8 inches in diameter. We offer these in mixed colors only. Strong divisions, \$1.50 per doz.; per 100, \$10.00.

## IRIS GERMANICA (Fleur de Iis)

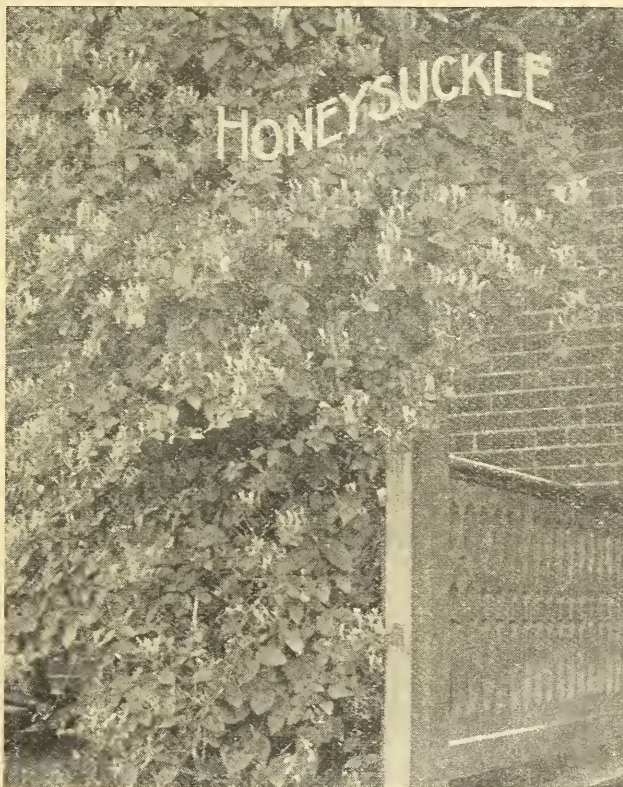
No garden or perennial border is complete without a planting of Iris; they thrive most anywhere, being absolutely hardy under most all conditions. In May, when the majority of perennials have not come into bloom yet, the Iris Germanica comes out in its full beauty. Strong divisions, mixed colors, 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.

## IRIS KAEMPFERI (Japanese Iris)

The King of all Iris, covering a wide range of color; named sorts can be selected to cover a flowering period of 5 weeks, from the middle of June into July. The flowers, many of them, when spread, measure 12 inches across. While they succeed generally in all soils, they delight and thrive best in a deep, rich location. Strong divisions, mixed colors, \$1.50 per doz.; per 100, \$10.00. Named varieties, \$2.00 per doz.; per 100, \$15.00 (see our retail catalog for list).

## PHLOX SUFFRUTICOSA, Miss Lingard

This variety differs from the others, in that the foliage and stem are deep green and glossy, and they begin to blossom in June and remain in bloom until October. Its color is purest white. \$1.25 per doz.; per 100, \$8.00.







*Tuberous Rooted Begonia, Frilled or Crispa Type*

### BEGONIAS (Tuberous Rooted)

Very choicest giant flowering type. Extra large bulbs.

#### Single Begonias

	Doz.	100	1,000		Doz.	100	1,000
Apricot..	\$1.85	\$13.00	\$120.00	Salmon..	\$1.85	\$13.00	\$120.00
Crimson..	1.85	13.00	120.00	White...	1.85	13.00	120.00
Dark Red	1.85	13.00	120.00	Yellow..	1.85	13.00	120.00
Pink....	1.85	13.00	120.00	Mixed...	1.85	13.00	120.00

#### Double Begonias

In separate colors as above.....	\$2.25	\$15.00	\$140.00
Choice Mixed. All colors.....	2.25	15.00	140.00

### BEGONIA, CRISPA

A beautiful frilled or crested type, producing very large single flowers. The above illustration will convey some idea of its beauty.

	Doz.	100	1,000		Doz.	100	1,000
Red.....	\$2.25	\$15.00	\$140.00	Yellow..	\$2.25	\$15.00	\$140.00
Rose.....	2.25	15.00	140.00	Mixed...	2.25	15.00	140.00
White...	2.25	15.00	140.00				

### CALADIUM ESCULENTUM (Elephant's Ear)

	Doz.	100	1,000
First Size Bulbs. 9 to 11 in. circum.....	\$2.25	\$15.00	\$135.00
Second Size Bulbs. 7 to 9 in. circum....	1.25	7.50	60.00
Third Size Bulbs. 5 to 7 in. circum.....	.85	5.00	40.00

#### Testimonial

Alloway, N. J.

I have never had such beautiful bulbs as I have bought of you; hereafter my entire order will be placed with your house.

Mrs. M. M. W.

#### Testimonial

Gentlemen:

Homer, N. Y.

The bulbs received this morning, and thank you very kindly for your promptness in filling the order.

Sincerely,

A. L. C.

### FANCY LEAVED CALADIUMS



*Fancy Leaved Caladiums*

These are grown for us on contract by one of the leading hybridizers of the world. Our list is composed of 12 of the best named sorts, covering a wide range of colors, which are difficult to describe accurately. Wonderful effects can be produced in table or conservatory decorations with these beautifully marked tropical foliage plants. The bulbs should be started in damp moss somewhat like Begonias, with plenty of bottom heat and an occasional dampening.

Do not allow them to get chilled, and at all times grow them in a warm, shaded place. Choice named sorts in 12 varieties.

**Charles Simpson.** Bluish green, spotted red, creamy white ribs.

**Coimbra.** White suffused green; red veins and ribs.

**Frances M. Laughlin.** Transparent rose centre, yellowish zone, green border.

**Jacupiranga.** Transparent white, with green veins.

**Jupiter.** Red centre, green border, spotted white.

**Leopold Robert.** Deep red crimson ribs, green border.

**Lord Derby.** Rose, green ribs and veins.

**Macache.** Variable, green suffused pink, with red ribs.

**Prince Albert Edward.** Red, suffused pink, green border.

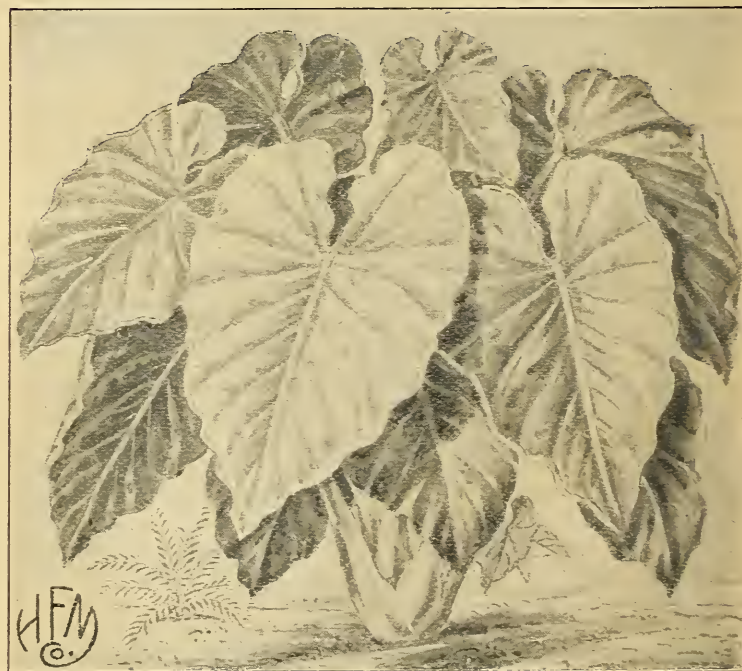
**Putomayo.** Pink, spotted strawberry red, very beautiful.

**Shellpink.** Centre shell pink, deep red veins, white border.

**Silver Queen.** Pure white, almost transparent like glass.

Price of any of the above, \$2.25 per doz.; 100, \$15.00; \$140.00 per 1000.

**Mixed.** Made of named sorts, but not labeled separately, \$2.00 per doz.; 100, \$13.50; \$125.00 per 1000.



*Caladium Esculentum*



## CALLA

**Elliottiana (Yellow Calla).** This beautiful novelty should be extensively planted. The contrast of the golden yellow flowers placed among other blooms and foliage is truly remarkable, making a beautiful sight. The spotted foliage shows the flower off when using it as a pot plant, to great effect. In a short time this new variety will be wonderfully popular on account of its beauty and its low price.



*Calla Elliottiana*

	Doz.	100	1000
<b>First Size</b> , 1½ to 1¾ in. diam.....	\$3.00	\$20.00	\$180.00
<b>Mammoth Size</b> , 1¾ to 2 in. diam.....	3.50	22.50	210.00

## SPOTTED CALLAS

Flowers white; foliage green, spotted white. Per doz., \$2.25; \$16.00 per 100.

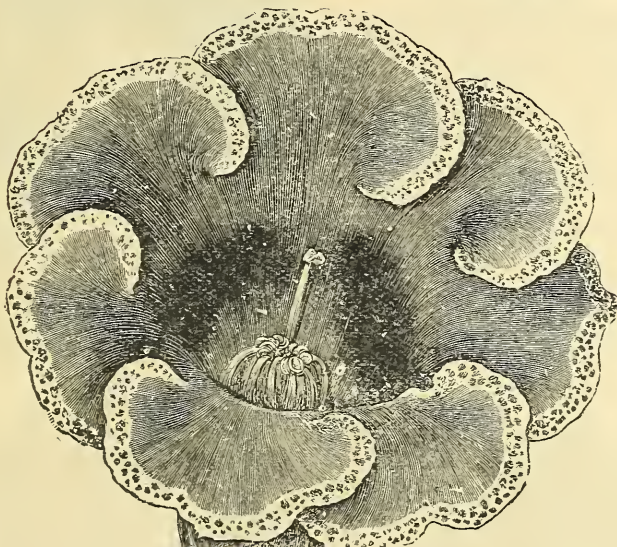
**CANNAS.** See back of Lily color plate opposite page 69.

## CINNAMON VINE ROOTS (Hardy)

Dark green, dense foliage with small, cinnamon scented blossoms; good stock for the florist who has a counter trade. Extra large size. 75c. per doz.; 100, \$5.00; \$47.50 per 1000.

**DAHLIAS.** See pages 69 and 70.

**GLADIOLUS.** See page 71 and 72.



*Illustration of a Gloxinia Flower*

## GLOXINIAS

	Doz.	100	1000
<b>Duchess of York.</b> Purple, white border..	\$2.25	\$16.50	\$150.00
<b>Her Majesty.</b> White .....	2.25	16.50	150.00
<b>King George V.</b> Scarlet .....	2.25	16.50	150.00
<b>Meteor.</b> Flesh, deep pink border.....	2.25	16.50	150.00
<b>Queen Alexandra.</b> Pure white .....	2.25	16.50	150.00
<b>Reading Beauty.</b> Scarlet .....	2.25	16.50	150.00
<b>Royal Purple.</b> Deep purple.....	2.25	16.50	150.00
<b>Mixed Colors</b> .....	2.25	16.50	150.00

## HYACINTHEUS (Summer Hyacinth)

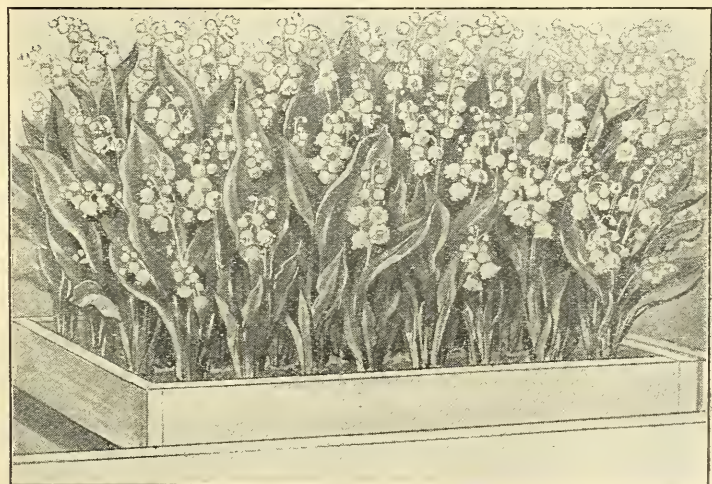
**Candicans.** White flowering; very desirable for planting in borders. Doz., \$1.00; \$6.00 per 100; per 1000, \$50.00.



*Ismene Calathina*

## ISMENE CALATHINA (Pancratium Lily)

Flowers a beautiful waxy white; deliciously fragrant. Bulbs are not hardy and should be removed to the house in October. These sell readily as a bulb or flower, and for summer funeral work are equal to lilies. Per doz., \$1.25; \$8.50 per 100.



*Lily of the Valley*

## LILY OF THE VALLEY

**Giant Flowering (Cold Storage).** For a number of years we have made a specialty of these and our strains are reputed to be among the finest. We have again procured and placed in storage a generous supply which can be shipped immediately or later as wanted. Prices on application.



# MICHELL'S SUMMER FLOWERING BULBS, ETC.

## MISCELLANEOUS HARDY LILIES

Hardy Native lilies are always an attraction and can at times be utilized in various ways, by reason of their oddity.

	Doz.	100
Canadense. Bright yellow.....	\$1.25	\$9.00
Canadense Rubrum. Red.....	3.00	20.00
Elegans Leonard Joerg. Apricot pink.....	2.25	15.00
Hansoni. Reddish orange.....	6.00	42.50
Henryi. Orange yellow.....	6.00	42.50
Regale ( <i>Myriophyllum</i> ). White (Each, 75c.).....	8.00	60.00
Superbum. Orange red.....	1.25	8.00

## HARDY JAPANESE LILIES

These are a splendid pot plant proposition for the florist, they force readily in a moderate temperature, especially the Lil. Album, and other speciosum types marked \*

	Doz.	No. of Bulbs 100	Per Case	Per Case
<b>Album (<i>Praecox</i>). Pure white:</b>				
First size, 8 to 9 in.....	\$2.50	\$18.00	200	\$32.00
Mammoth, 9 to 11 in.....	4.00	28.00	125	32.00
Monster, 11 to 13 in.....	4.75	32.00	100	32.00
<b>Auratum (<i>Golden Banded Lily</i>):</b>				
First size, 8 to 9 in.....	2.50	18.00	200	32.00
Mammoth, 9 to 11 in.....	4.00	28.00	125	32.00
Monster, 11 to 13 in.....	4.75	32.00	100	32.00
<b>*Magnificum. Rich crimson:</b>				
First size, 8 to 9 in.....	2.50	16.00	200	27.50
Mammoth, 9 to 11 in.....	3.75	25.00	125	27.50
Monster, 11 to 13 inches.....	4.00	27.50	100	27.50
<b>*Rubrum or Roseum. Pink:</b>				
First size, 8 to 9 in.....	2.50	16.00	200	27.50
Mammoth, 9 to 11 in.....	3.75	25.00	125	27.50
Monster, 11 to 13 in.....	4.00	27.50	100	27.50
<b>Tigrinum Flore Pleno. Double.</b>	2.25	16.00		
<b>Tigrinum Splendens. Single.</b>	2.00	14.00		

	Doz.	100
Batemanni. Orange red.....	\$2.25	\$16.00
Krameri. Blush pink.....	2.25	15.00
Macranthum. Giant Golden Banded Lily.....	5.00	37.50
Wittei. Fragrant; white, yellow band.....	9.00	



*Lilium Giganteum*

## LILIUM LONG. GIGANTEUM (Cold Storage) MICHELL'S SPECIAL BRAND

Grown for us by the most reliable Lily grower in Japan.

We have placed in cold storage a splendid lot of bulbs, against which we are booking orders; if your wants for 1922 are not covered in this line, we should be glad to supply them.

	Number of Bulbs per Case	
6 to 8 inches.....	400	} Prices will be established later
7 to 9 inches.....	100	
7 to 9 inches.....	300	
8 to 10 inches.....	225	

## MADEIRA OR MEXICAN VINE

Where florists have a counter trade or retail store these sell readily, and we recommend having a moderate supply on hand.

	Doz.	100	1000
Strong Roots or Tubers.....	\$0.65	\$4.00	\$36.00



*Montbretia*

## MONTBRETIAS

A beautiful flowering bulb resembling a miniature Gladioli; fine for cutting.

	Doz.	100	1000
Aurantiaca. Deep orange.....	\$0.85	\$6.00	\$55.00
Fire King. Bright scarlet.....	.85	6.00	55.00
Geo. Davison. Pure yellow.....	.85	6.00	55.00
Gerbe d'Or. Golden yellow.....	.85	6.00	55.00
Germania. Brilliant scarlet.....	.85	6.00	55.00

## OXALIS

### (Summer Flowering)

Splendid for the florist with a retail store; they sell readily when placed on display.

	Doz.	100	1000
Deppii. White.....	\$0.10	\$0.75	\$6.50
Lasiandra. Pink.....	.10	.75	6.50

## TUBEROSES

We have contracted for a very fine stock of bulbs of full size, the kind that bloom. Planted outdoors in April, they provide an inexpensive crop of profitable flowers for late summer and early autumn trade, requiring practically no attention while growing except an occasional cultivating.

**Mammoth Pearl.** Double pure white. Full 4 to 6 in. circum. bulbs, 50c. per doz., per 100, \$3.00; \$25.00 per 1000.

**Albino.** Single white; 1st size bulbs, 50c. per doz.; 100, \$3.00; \$25.00 per 1000.

## ZEPHYRANTHES

This is a small flowering type of dwarf growing *Amaryllis* adapted for pot and pan culture.

	Doz.	100
Treata Alba. White.....	\$1.00	\$6.00
Treata Rosea. Pink.....	1.75	12.50



*Double Pearl Tuberose*



# LILIES

ARE ALWAYS A PROFITABLE CROP  
*GROW PLENTY*

Album

Giganteum

Melpomene

## Michell's Superb Lily Bulbs

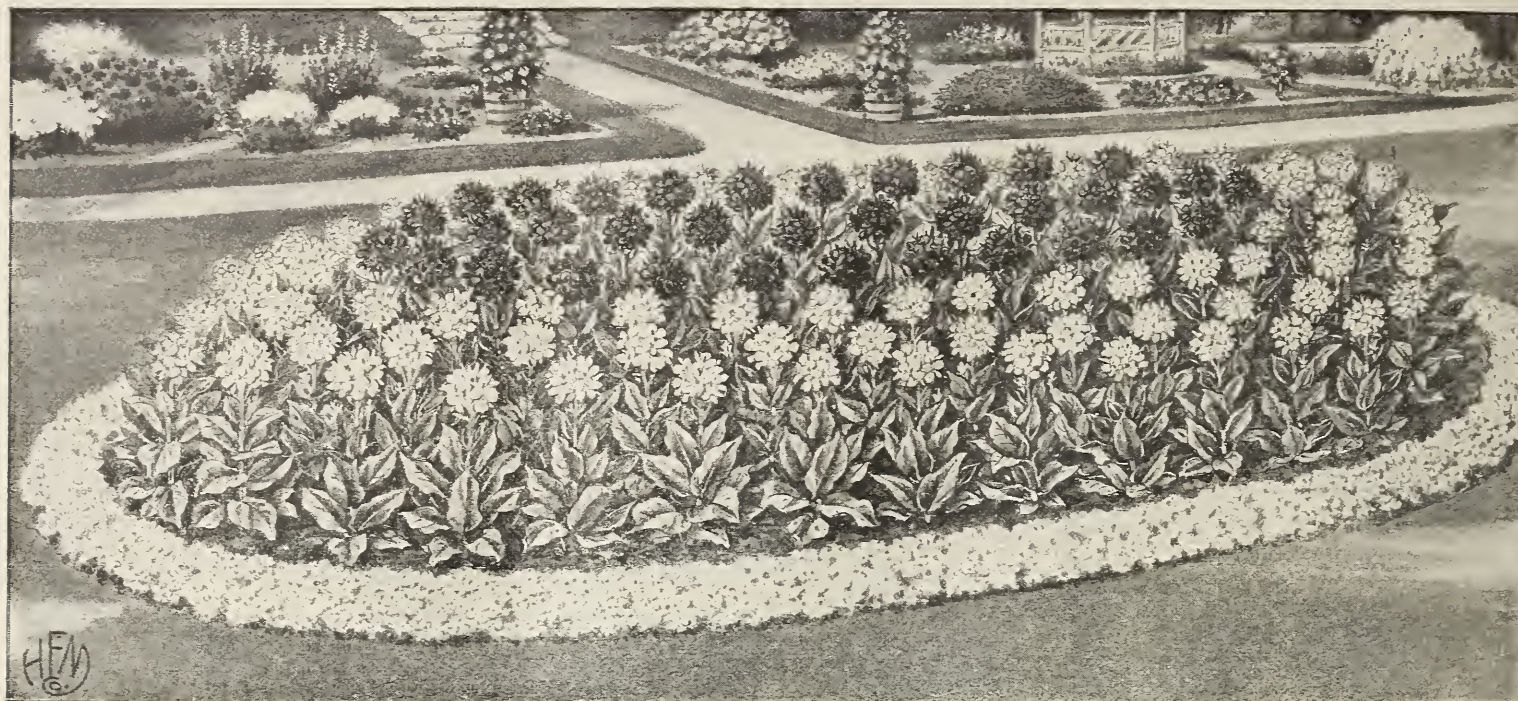
FOR FORCING  
New Crop—Also Cold Storage

*Prices Upon Application*

PLEASE SEE REVERSE SIDE OF THIS PLATE FOR LIST OF LILIES, ETC.



# 68 A MICHELL'S (Home Grown) THRIFTY CANNA ROOTS



Our Roots are extra strong, with plenty of eyes, are clean and absolutely true to name. When ordering please state if immediate shipment is desired; also if we shall send via express or freight. The heights quoted on Cannas are as they grow in our nursery. These may vary with soil and climatic changes.

<b>Alphonse Bouvier.</b> Rich velvety red; green foliage; 5 feet.....	Doz.	100	1000
		\$0.85	\$5.00 \$40.00
<b>Austria.</b> Lemon chrome yellow; green foliage; 5 feet.....		.85	5.00 40.00
<b>Chas. Henderson.</b> Crimson; green foliage; 4½ feet.....		.75	4.50 35.00
<b>Cheerfulness (New).</b> Beautiful deep orange with golden border and carmine markings; green foliage; 3½ feet.....		1.00	6.00 50.00
<b>City of Portland.</b> A glowing pink; flowers borne in great profusion; green foliage; 3½ feet.....		2.00	15.00 125.00
<b>Express.</b> Dwarf, crimson; green foliage; 2½ feet.....		.85	5.00 40.00
<b>Firebird.</b> One of the best red flowered, green-leaved Cannas. Color, a brilliant scarlet, without any spots; 4½ feet.....		1.75	12.00 100.00
<b>Florence Vaughan.</b> Yellow, spotted crimson; green foliage; 5 feet.....		.75	4.50 35.00
<b>Gem (New).</b> Color, deep cream or straw-yellow, dotted with pale carmine; green foliage; 4½ feet.....		1.00	6.00 50.00
<b>Gen'l Merkel.</b> Scarlet, splashed golden yellow; green foliage; 4 feet.....		1.50	10.00 90.00
<b>Hungaria.</b> Dwarf and compact; rich peach blossom pink; green foliage; 3½ feet.....		1.25	8.00 70.00
<b>Italia.</b> Scarlet, broadly edged yellow; green foliage; 6 feet.....		1.00	6.00 50.00
<b>King Humbert.</b> A king among cannas, because of its majestic growth; color, coppery scarlet; bronze foliage; 4 feet.....		.85	5.00 40.00
<b>Meteor.</b> Of compact growth; broad green foliage; bright red flowers; 4½ feet.....		.75	4.50 35.00
<b>Mme. Crozy.</b> Scarlet, bordered golden yellow; green foliage; 3 feet.....		1.00	6.00 50.00
<b>Mrs. Alfred F. Conard.</b> Gigantic flowers; color, salmon pink; light green foliage; 4 feet.....		2.25	15.00 135.00
<b>Panama.</b> Red, edged yellow; green foliage; 4 feet.....		1.00	6.00 50.00
<b>President.</b> This splendid new variety produces immense flowers of a rich, glowing scarlet; superior in quantity and quality of bloom to any other red variety; green foliage; 3½ feet.....		1.25	8.00 75.00

<b>Richard Wallace.</b> Gigantic clusters of light yellow flowers; green foliage; 4 feet.....	Doz.	100	1000
		\$ .75	\$4.50 \$35.00
<b>Rosea Gigantea.</b> A wonderful novelty; the largest of pink cannas in existence; color, rich rose pink; foliage green; 3½ feet....		1.75	12.00 110.00
<b>Wintzer's Colossal.</b> Bright scarlet; green foliage; 5 feet.....		.85	5.00 40.00
<b>Wyoming.</b> Orange chrome red; bronze foliage; a wonderful canna; 6½ feet.....		.85	5.00 40.00
<b>Yellow King Humbert (Queen Helen).</b> A sport from King Humbert; flowers golden yellow; dotted red; green foliage; 4½ feet.....		1.25	8.00 75.00

## MIXTURES OF CANNAS

<b>Dwarf French Mixed</b> .....		.60	4.00 3.00
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Canna, The President



# MICHELL'S SUPERB DAHLIAS FOR FLORISTS

69

Our list contains the best varieties for Florists, and are especially selected as to their value as cut flowers. We advise early ordering to insure the reservation of varieties, that later may be sold out and save you any disappointment.

Any variety listed in our Retail Catalogue and not quoted in this catalog will be supplied at the price in the Retail Catalogue less 20%.

	Doz.	100
<b>Attraction (Cactus).</b> Perfect clear lilac rose flowers, on long, strong stems.....	\$5.00	\$30.00
<b>Aviator Garros (Cactus).</b> Sulphur yellow, shading to white.....	2.50	18.00
<b>Avalanche (Paeony).</b> Pure white, splendid.....	5.00	37.50
<b>Alewine (Pompon).</b> Delicate pink, tinted lilac....	2.25	17.50
<b>A. D. Livoni (Show).</b> Soft pink, extra fine, free bloomer.....	2.00	12.50
<b>Aurora (Show).</b> Yellow, shaded bronze.....	2.00	12.50
<b>Albert Manda (Dec.).</b> Beautiful shades of lemon, white and pink.....	3.00	22.50
<b>Ayesha (Dec.).</b> Light yellow, long stems.....	2.50	18.00
<b>Albert Manumene (Collarette).</b> Velvety crimson purple, white tips.....	2.00	12.50
<b>Berth. v. Hemsteede (Paeony).</b> Yellow, suffused orange.....	2.50	18.00
<b>Break O'Day (Dec.).</b> Clear sulphur yellow; robust grower.....	3.50	25.00
<b>Bobby (Pompon).</b> Plum color; one of the best....	2.25	15.00
<b>Big Chief (Paeony).</b> Red, strong grower.....	2.50	18.00
<b>Catherine (Pompon).</b> Bright yellow.....	2.25	17.50
<b>Cheerfulness (Pompon).</b> Old gold, tipped crimson.	2.25	17.50
<b>Chatenay (Paeony).</b> Pink; excellent cut flower sort	2.50	17.50
<b>Countess of Lonsdale (Cactus).</b> Deep salmon red.	3.00	22.00
<b>Cramer Peacock (Dec.).</b> White; free bloomer....	4.00	30.00
<b>Cream (Century).</b> Creamy white.....	2.00	12.50
<b>Crepuscle (Cactus).</b> Orange-yellow, deepening to amber buff.....	2.50	18.00
<b>Crystal (Cactus).</b> Silvery pink; very large flower..	3.50	25.00
<b>Cuban Giant (Show).</b> Garnet red; large ball shaped.....	2.50	17.50
<b>Darkest of All (Pompon).</b> Nearly black.....	2.50	17.50
<b>Dee-Lighted (Dec.).</b> White; immense flower; strong grower.....	3.50	25.00
<b>Delice (Dec.).</b> The best pink in its class.....	2.25	15.00
<b>Diadem (Collarette).</b> Red; good bloomer.....	2.50	17.50
<b>Diana (Paeony).</b> Dark red; very large flowers...	4.00	30.00
<b>Dream (Dec.).</b> Beautiful pink; fine cut flower....	7.50	55.00



*Cactus Dahlia, Crystal*

	Doz.	100
<b>Dreer's White (Show).</b> White; quilled petals; large flower.....	\$2.50	\$18.00
<b>Dreer's Yellow (Show).</b> Early and profuse bloomer; pure yellow.....	4.50	35.00
<b>Elgrave (Collarette).</b> Rich maroon; tipped white..	2.00	12.50
<b>Estandard de Lyon (Dec.).</b> Magenta; very large..	3.75	25.00
<b>Floradora (Cactus).</b> Wine red.....	2.25	15.00
<b>Francis White (Cactus).</b> Pure white; long stems.	2.75	20.00
<b>Fringed 20th Century.</b> Pink, shaded white; frilled petals.....	2.00	12.50
<b>Geo. Walters (Cactus).</b> Salmon, shaded shrimp pink	6.75	50.00
<b>Glory of Nykerk (Paeony).</b> Deep claret purple...	4.50	30.00
<b>Golden Gate (Cactus).</b> Rich golden yellow; large flowers.....	3.75	30.00
<b>Grand Duke Alexis (Show).</b> White, shaded lavender.....	2.50	18.00
<b>Henry Wirth (Cactus).</b> Cardinal red.....	2.50	17.50
<b>Hocksai (Dec.).</b> Red and yellow; a beautiful cut flower.....	6.50	45.00
<b>Hortulanus Budde (Paeony).</b> Dazzling red.....	3.00	22.50
<b>Jack Rose (Dec.).</b> Of the same shade as the rose with the same name.....	1.25	9.00
<b>J. H. Jackson (Cactus).</b> Dark maroon.....	2.00	12.50
<b>John Wanamaker (Paeony).</b> Lavender pink....	4.50	32.50
<b>Juliet (Cactus).</b> Rosy pink.....	2.00	12.50
<b>Kalif (Cactus).</b> Gigantic glowing scarlet.....	6.75	50.00
<b>King of Autumn (Dec.).</b> Combination of salmon and old gold.....	3.00	20.00
<b>Klein Domitea (Pompon).</b> Bright gold.....	1.25	9.00
<b>Laura Barnes (Paeony).</b> Lavender.....	3.75	30.00
<b>Lawine (Cactus).</b> Pure white; free bloomer.....	2.50	17.50
<b>Le Grand Manitou (Dec.).</b> Lilac, penciled crimson	3.00	22.50
<b>Lemon Beauty (Show).</b> Lemon-yellow; free bloomer.....	2.00	12.50
<b>Libelle (Cactus).</b> Dark purple.....	2.25	15.00
<b>Little Bessie (Pompon).</b> Creamy white.....	2.00	12.50
<b>Maud Adams (Show).</b> Pure white, overlaid delicate pink; perfect flower.....	4.25	30.00
<b>Maurice Rivoire (Collarette).</b> Rich crimson, white collar.....	1.75	12.50
<b>Majorie Castleton (Cactus).</b> Soft pink; very fine.	2.00	15.00
<b>Marie Doucet (Cactus).</b> Light pink.....	2.50	17.50



*Paeony Dahlia, Glory of Nykerk*



## MICHELL'S SUPERB DAHLIAS FOR FLORISTS



Cactus Dahlia, Kalif (see page 69)

	Doz.	100
Mme. H. Cayeux (Cactus). Rich pink; free bloomer.....	\$2.50	\$18.00
Mme. Echenauer (Dec.). Sulphur white, suffused lilac.....	5.00	37.50
Melody (Dec.). Canary-yellow, tinted cream white	2.00	12.50
Minnie Burtle (Dec.). Dark scarlet.....	2.25	15.00
Minnie McCullough (Dec.). Golden yellow, tipped bronzy red.....	1.75	10.00
Mrs. Helen Hollis (Dec.). Red; fine cut flower...	2.00	12.50
Mrs. J. G. Cassatt (Dec.). Bright cerise pink....	2.50	15.00
Mrs. Hartong (Dec.). Buff yellow.....	1.75	12.00



Decorative Dahlia, Mrs. J. G. Cassatt

Mrs. Chas. Seybold (Paeony). Red, tipped white	Doz. 100	\$3.00 \$20.00
Mrs. C. H. Breck (Cactus). Yellow, shaded old gold	2.75	20.00
Mons. L. Ferard (Collarette). Carmine.....	2.00	12.50
Mons. J. Gordon (Paeony). Yellow, very large	3.00	20.00
Oregon Beauty (Dec.). Oriental red.....	2.50	16.00
Parthos (Dec.). Purple, shading to rich lavender.		
A wonderful cut flower (75c. each).....	7.50	60.00
Perle de Lyon (Cactus). Pure white, robust grower	1.75	12.00
Pink Jack Rose (Dec.). Fine pink variety.....	1.50	10.00
Princess Juliana (Paeony). White; free bloomer.	2.25	15.00
Queen Wilhelmina (Paeony). White.....	2.50	18.00
Queen Emma (Paeony). Hollyhock pink.....	3.00	20.00
Queen Elizabeth (Paeony). Beautiful rosy mauve	3.50	25.00
Queen of Hearts (Cactus). White, cream yellow at base.....	2.25	15.00
Queen Mary (Decorative). Cerise pink.....	1.75	12.50
Rautendelein (Single). Red, tipped white.....	2.25	15.00
Red Grand Duke (Show). Cardinal red.....	2.25	15.00
Red Hussar (Show). Rich red; good bloomer....	1.50	10.00
Rene Cayeux (Cactus). Rich pink.....	3.50	22.50
Rheinkoenig (Cactus). Pure white; excellent for cut flowers.....	2.50	17.50
Rose (Show). Rose pink; long stem.....	2.25	15.00
Springfield (Cactus). Red, overlaid salmon.....	3.25	22.50
Sylvia (Dec.). Deep pink; free bloomer.....	1.50	10.00
Terra Cotta (Dec.). Terra cotta color (75c. each)...	7.50	60.00
Thompson (Dec.). Brilliant scarlet, robust grower	2.75	20.00
T. G. Baker (Cactus). Golden yellow.....	2.50	17.50
Thomas Oberlin (Cactus). Intense scarlet.....	2.75	22.50
Tillamook (Dec.). Lavender; petals white; grilled	1.75	12.00
Traymore (Collarette). Red, yellow collar.....	2.00	12.50
Vivid (Pompon). Vivid red; free bloomer.....	2.00	12.50
Wm. Agnew (Dec.). Dazzling red; good grower.	2.00	12.50
White Century (Century). Pure white.....	2.00	12.50
Wodan (Cactus). Salmon, excellent free bloomer..	3.50	25.00
Wolfgang v. Goethe (Cactus). Apricot, shaded carmine.....	4.00	30.00
W. W. Rawson (Show). Pure white, overlaid mauve	2.25	15.00
Yellow King (Cactus). Golden yellow; very large.	6.75	50.00

## DAHLIAS IN SEPARATE COLORS

These are splendid for retailing in your store; dry roots only.

	Doz.	100
Pink. Cactus, Decorative, Show and Single.....	\$1.50	\$10.00
Red. Cactus, Decorative, Show and Single.....	1.50	10.00
White. Cactus, Decorative, Show and Single.....	1.50	10.00
Yellow. Cactus, Decorative, Show and Single.....	1.50	10.00
Mixed. All colors, types and varieties.....	1.25	9.00

Specify which type you want when ordering.



Dahlia, Queen Mary





*Gladiolus "America"*

## NAMED VARIETIES

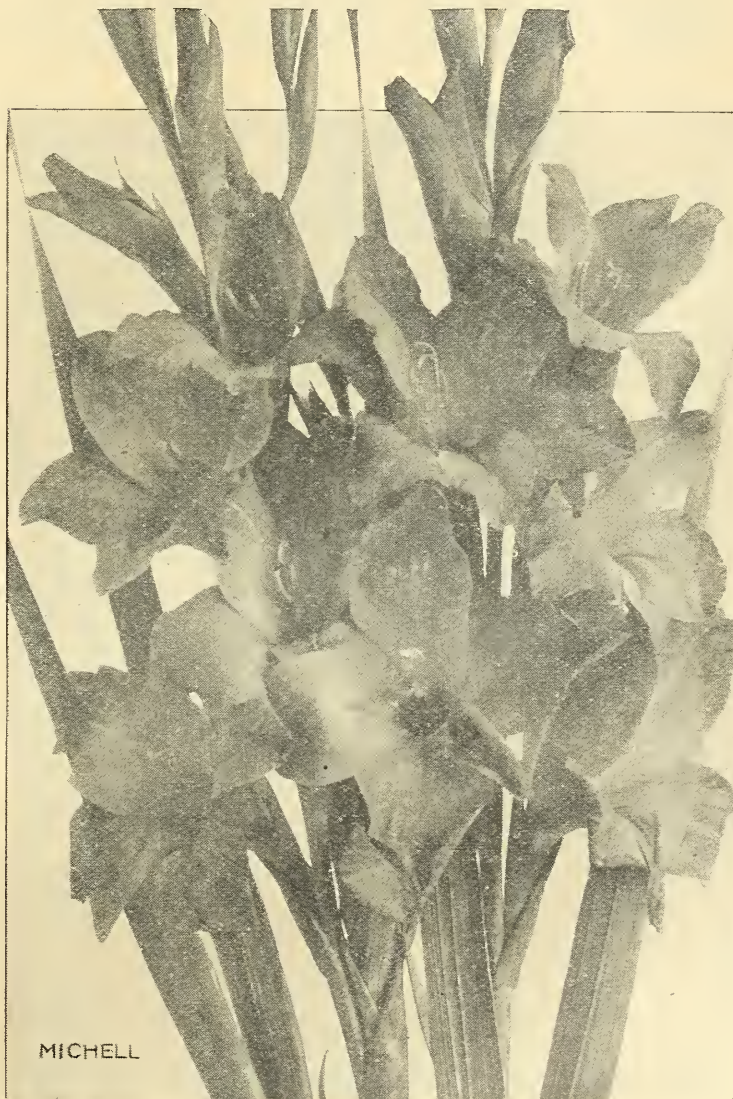
<b>America.</b> One of the best Gladioli in existence. Doz. 100 1000			
The color is a beautiful flesh pink, tinged with lavender. The flowers are of the largest size, the petals are round, thick and strong, and will last a long time after being cut.			
First size bulbs.....	\$0.50	\$3.25	\$27.50
Second size bulbs.....	.40	2.50	20.00
<b>Augusta.</b> Produces graceful, slender stems, which are dressed with beautiful flowers of pure white, slightly tinged and striped pink, which open all at one time.			
First size bulbs.....	.65	4.00	35.00
Second size bulbs.....	.40	2.75	22.50
<b>Baron Hulot.</b> Large flowers, well arranged on long spikes. Color is a deep indigo blue, slightly marked white at the base of the throat.	.80	5.75	50.00
<b>Bertrex (New).</b> Stands at the top of all existing white varieties; flowers are of good substance and of the size and form of America..	1.50	11.00	100.00
<b>Brenchleyensis.</b> One of the best for bedding or planting in front of shrubbery. The flowers are of a vermillion scarlet color.....	.60	3.75	32.50
<b>Chicago White.</b> One of the leading varieties for cut flower purposes.....	.70	4.50	40.00
<b>Empress of India.</b> Maroon black; very dark, rich and fine.....	1.00	6.75	60.00
<b>Evelyn Kirtland (New).</b> Flowers of strong substance; color, a beautiful shade of rosy pink, darker at the edges, fading to shell pink at the center, with scarlet blotches on lower petals.....	1.50	11.00	100.00
<b>Glory of Holland.</b> A grand flower; one of the largest and purest whites.....	.80	5.75	50.00
<b>Gretchen Zang (New).</b> Large, heavy blooms; a beautiful, soft shade of pink, blending into scarlet on lower petals.....	1.35	9.00	80.00
<b>Halley.</b> Very large, well expanded flowers of a lovely salmon pink; the lower segments are blotched yellow with carmine markings; robust grower.			
First size bulbs.....	.65	4.00	35.00
Second size bulbs.....	.50	3.00	25.00

## IMPORTANT

Most growers want the largest gladiolus bulbs they can get. Many varieties of Gladioli produce only medium sized bulbs and for that reason should not be condemned. This is especially true in the case of mixed Gladioli, either in colors or shades of color. The smaller bulbs are frequently the finest varieties; as a matter of fact sometimes the largest bulbs do not bloom at all, due to the vigor for flowering strength being exhausted. Bulbs averaging 1¼ inch in diameter and upward produce the best flowers, whether planted outdoors or under glass.

## NAMED VARIETIES (Continued)

<b>Herada (New).</b> Blooms of immense size on tall straight spikes; the color is pure mauve, glistening and clear.....	Doz. 100	1000	
	\$1.50	\$11.00	\$100.00
<b>Jean Dieulafoy.</b> Flowers creamy white, with maroon colored throat.....	1.35	9.50	85.00
<b>Klondyke.</b> The flowers are of medium size and of great substance; clear primrose yellow with a crimson blotch in the throat. ....	.65	4.25	37.50
<b>Lily Lehman.</b> Blush white, tinged with pink; splendid flowers, arranged around the stem like water lilies.....	.75	4.75	40.00
<b>Mary Fennell.</b> Beautiful deep lavender flowers on a tall, slender spike; lower petals penciled with primrose yellow.....	1.50	11.00	100.00



*Gladiolus, Empress of India*



*Gladiolus, Niagara***NAMED VARIETIES (Continued)**

- Mrs. Francis King.** A most beautiful flame pink. Immense flowers on a spike growing 4 feet high, with from 18 to 20 flowers, 6 to Doz. 100 1000 8 being open at one time.  
 First size bulbs.....\$0.50 \$3.25 \$27.50  
 Second size bulbs......40 2.75 22.50
- Mrs. Frank Pendleton, Jr.** One of the most exquisitely colored and formed Gladiolus in our entire list. The color is a delicately flushed salmon pink, extending to the reverse side of the petal, as well as in the centre. The blooms are wide open and are arranged individually on very wiry stems. Each flower is doubly enhanced by a rich maroon blotch on the three lower petals..... 1.00 6.00 55.00
- Niagara.** A shade of rich cream combined with canary yellow; the individual flowers are very large and are borne in pairs, one opposite the other..... .90 5.75 50.00
- Panama.** For form and habit this has all the desirable features of the variety "America," but the wonderful color can best be described by comparing it with that of the popular rose, "Mrs. Jno. Laing," an incomparable rose pink..... .90 5.75 50.00
- Peace.** A grand pure white flower with just a slight marking of a lilac feather on the lower petal. The plant is very robust, 5 feet high and shows enormous flowers, well placed all along the stem..... .75 5.25 45.00
- Pink Perfection.** Rose pink, with 8 to 10 flowers open at one time. The flowers are well expanded and of the most perfect form. 1.20 8.00 72.50
- Primulinus Major Hybrids.** From the purest and lightest of yellow, it varies to the deepest orange, and from the softest shade of salmon pink down to rich crimson; also a few white. Dainty blotches in the throat add to their beauty..... .60 3.25 27.50
- Prince of Wales.** Beautiful orange salmon; flowers large; blooms early..... 1.00 6.75 60.00

**NAMED VARIETIES (Continued)**

- Purity.** One of the finest white varieties; Doz. 100 1000 very attractive; unequalled for cut flower purposes .....\$2.25\$15.00
- Scarsdale.** Long, graceful spikes of wide open flowers, of a pleasing lavender shade; a most unique and distinct color..... .65 4.00 \$35.00
- Schwaben.** One of the newer of the yellow varieties; a magnificent cut flower, because the flowers all open pretty much at one time. 0.90 \$5.75 \$50.00
- War.** This is undoubtedly one of the largest flowered sorts; deep red, shaded crimson and showing 4 to 6 blooms at one time..... 1.10 7.25 65.00
- Willbrink.** Lovely flesh pink, with creamy white blotch on lower petals..... 1.10 7.25 65.00
- Willie Wigman.** Tinted white, with large scarlet blotches; very showy..... 1.00 6.75 60.00
- Yellow Hammer.** Pure yellow, lightly marked with red in the throat; a beautiful variety for cutting..... 1.10 7.00 62.50

**UNNAMED GLADIOLI (Separate Colors)**

- |   |        |        |         |
|---|--------|--------|---------|
|   | Doz.   | 100    | 1000    |
| <b>Pink and Rose</b> .....                                  | \$0.60 | \$3.50 | \$30.00 |
| <b>Red and Scarlet</b> .....                                | .60    | 3.50   | 30.00   |
| <b>Striped and Variegated</b> .....                         | .60    | 3.50   | 30.00   |
| <b>White and Light.</b> (Special Mixture.) For forcing..... | .60    | 3.50   | 30.00   |
| <b>Yellow and Orange, all Shades</b> .....                  | .65    | 4.00   | 35.00   |

**MIXTURES OF GLADIOLI**

- |  |     |      |       |
|--|-----|------|-------|
| <b>Extra Choice Mixed</b> .....                | .40 | 2.50 | 20.00 |
| <b>Michell's Giant Flowering Mixture</b> ..... | .55 | 3.25 | 27.50 |

**NOTICE.**—Prices on Gladiolus are subject to market changes and conditions.

*Gladiolus, Primulinus Major Hybrids Var.*



# MICHELL'S FARM AND GARDEN TOOLS 73

## SOUTH BEND PLOWS

This plow has been one of the favorites in the section of Philadelphia for many years. It is neatly and substantially made, and gives splendid satisfaction.

No. 1B. For one horse; wood beam...\$9.00  
No. 2F. For one heavy horse or two light horses; wood beam...11.50

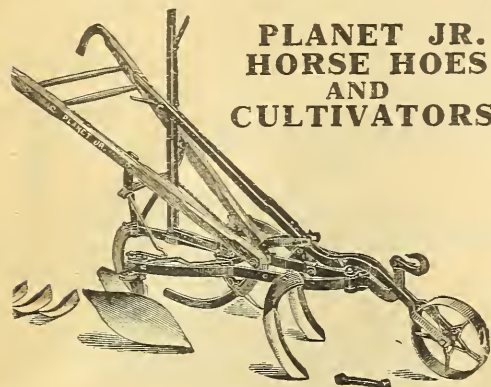
No. 3F. 2-horse; wood beam.....15.00

No. 3F. Steel beam for 2 horses.....15.00

The prices above are for plain plows with clevis only. Jointers and wheels can be supplied for Nos. 2 and 3.

If the wheel only is wanted, add \$2.00, or if jointer only is wanted, add \$3.00 to the prices quoted above.

Shares for S. B. Plows. No. 1, 50c. each; No. 2, 55c. each; No. 3, 65c. each.



**PLANET JR.  
HORSE HOES  
AND  
CULTIVATORS**

No. 8 Planet Jr. Horse Hoe

Planet Jr. Implements are in great demand by the market garden industry everywhere. While we list here only a few popular styles, we are prepared to furnish the complete line, also riding cultivators.

No. 8. Horse Hoe and Cultivator...\$18.50

No. 7. Horse Hoe and Cultivator... 17.50

No. 90. 12-tooth Harrow (Complete)

Wheel and Pulverizer.... 19.00

No. 4. Horse Hoe with Wheel..... 14.00

No. 9. Horse Hoe with Wheel..... 16.00

No. 82. Horse Hoe with Wheel..... 18.00

## IRON AGE CULTIVATORS & HORSE HOES



No. 607 E. L. Iron Age Horse Hoe

The "Iron Age" gardening and farming tools are favorably regarded and in many sections are preferred.

No. 607. E. P. Cultivator.....\$ 9.50

No. 607. E. L. Cultivator..... 10.25

No. 4014. E. P. Harrow (Complete). 8.50

No. 605. E-5-tooth Cultivator with

Lever Expander..... 8.65

No. 605C. Plain 5-tooth Cultivator.. 7.00

We can also supply all other styles of Iron Age Horse Tools.

## PLANET JR. "STAR" PULVERIZER

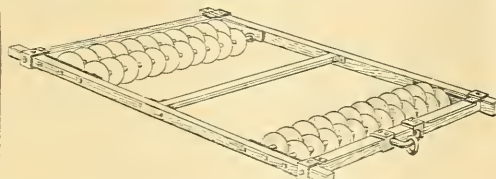
A dandy implement for destroying weeds, pulverizing the soil, etc., \$6.00 each.



## HORSE CULTIVATOR TEETH

No.	Width	Each	No.	Width	Each
0	1 1/4 in.	\$0.15	82	3 in.	\$0.19
1	1 1/4 in.	.16	83	3 1/2 in.	.21
89	1 1/4 in.	.17	84	4 in.	.23
82	1 1/4 in.	.18	83	4 in.	.23

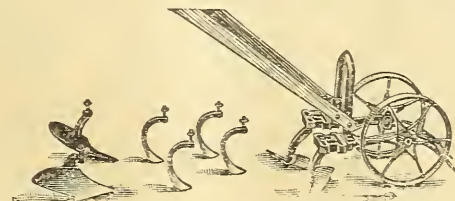
Bolts for Teeth, 4c. each, per doz., 40c.



## THE MEEKER SMOOTHING HARROW

The ideal implement for the market gardener; it makes a seed bed as fine as can be made with a rake; is easy on the horse and does the work quickly and satisfactorily.

No.	Width	Price
1	4 ft. 6 in. x 4 ft.—8 in. discs..	\$40.00
2	6 ft. 8 in. x 6 ft.—8 in. discs..	42.50
3	8 ft. x 6 ft.—10 in. discs.,...	60.00
4	8 ft. x 6 ft.—10 in. discs.....	48.00

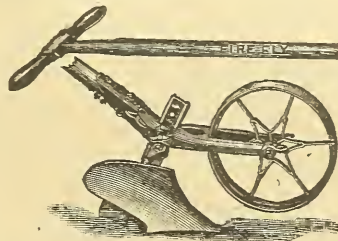


## PLANET JR. WHEEL HOES

No. 12.	Double wheel (see cut)...	\$11.50
No. 13.	Double wheel.....	8.25
No. 11.	Double wheel.....	15.00
No. 14.	Double wheel.....	13.00
No. 16.	Single wheel.....	9.50
No. 17.	Single wheel.....	8.00
No. 17 1/2.	Single wheel.....	6.85
No. 18.	Single wheel.....	5.75
No. 33.	Single wheel.....	6.00
No. 119.	Plow and Cultivator	
	Combined.....	5.00

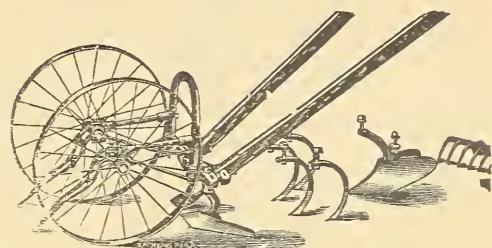
## PLANET JR. WHEEL HOE PARTS

Side Hoes, per pair, 4 1/2-inch,	\$1.10;
6-inch, \$1.20; 7-inch.....	\$1.40
Side Plows, per pair.....	1.40
Cultivator Teeth, each.....	.35
Peat Land Hoes, per pair.....	2.00



## FIRE-FLY GARDEN PLOW

Exceedingly useful to every owner of a garden. It throws furrows various widths; very desirable for plowing up gardens for new crops (after general plowing in spring). Price, \$4.00.



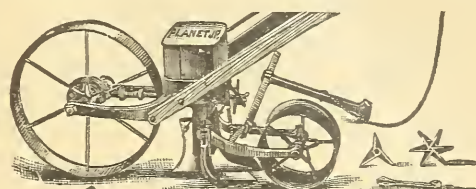
## IRON AGE WHEEL HOES

No. 301R.	Double-Wheel Hoe (see cut).....	\$9.75
No. 303.	Double-Wheel Hoe.....	6.75
No. 11.	Single-Wheel Plow.....	4.00
No. 12.	Single-Wheel Plow and Hoe.....	5.50
Victory Garden Cultivator.....		4.25

## GEM WHEEL HOES

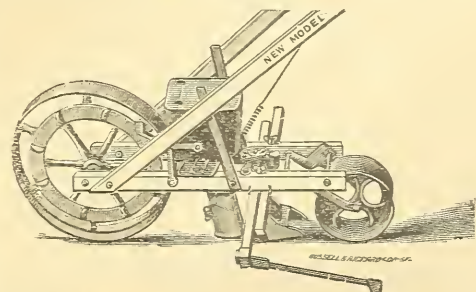
Single Wheel. Of garden tools this is the most popular, being low in price and complete in detail; suited for most any work in a garden. It weeds, hoes, hills and harrows. Price, \$7.25.

Gem Double-Wheel Hoe.....	\$8.25
Iron Age Hand Plow (no wheel)....	3.00



## SEED DRILLS—Planet Jr.

No. 4D.	Plain.....	\$14.50
No. 4.	Combined.....	18.50
No. 3.	Plain only.....	17.50
No. 25.	Combined.....	22.00
No. 31.	Combined Seeder and Wheel Hoe, complete.	12.00
No. 31D.	The above machine as a seeder only.....	9.75



## MODEL SEED DRILL

This is designed as a drill seeder only; the depth of sowing can be regulated to any desired distance. It is well named the market gardener's drill, having a large capacity for seeds, and is a wonderfully efficient machine. Price, \$11.25.

## IRON AGE SEED DRILLS

No. 306.	Combined Seeder.....	\$18.00
No. 322.	Fertilizer Drill, Hill and Drill Seeder.....	25.00

## THE FAIRY CULTIVATOR—No. G-5

A splendid tool for the kitchen garden, \$4.00.



# MICHELL'S LAWN ACCESSORIES

## THE MICHELL HIGH WHEEL BALL BEARING LAWN MOWER

5-blade cylinder.	
15-inch.....\$18.00	19-inch.....\$23.60
17-inch.....20.80	21-inch.....25.45

## PENNA. AND CONTINENTAL LAWN MOWERS

Either at the following prices:

Low wheel, 8-in. diameter (Penna. only)	
12-inch.....\$13.40	16-inch.....\$18.50
14-inch.....16.20	18-inch.....21.25
High wheel, 10½-inch diameter.	
15-inch.....\$23.60	19-inch.....\$30.00
17-inch.....26.35	21-inch.....33.75

**Note:** Continental machines cannot be furnished in low wheel types.

## PENNA. JR. BALL BEARING

8-inch or low wheel; 5-blade cylinder; 5½-inch diameter.	
12-inch.....\$13.40	16-inch.....\$18.50
14-inch.....16.20	18-inch.....21.30
10-inch or high wheel, 5-blade cylinder, 6-inch diameter.	
15-inch.....\$23.60	19-inch.....\$30.05
17-inch.....26.35	21-inch.....33.75

## PENNSYLVANIA GOLF

For Putting Greens and close cutting. 9½-inch wheel, 7-blade cylinder.	
17-inch, Ball Bearing.....	\$31.45
19-inch, Ball Bearing.....	35.15
21-inch, Ball Bearing.....	38.85

## PENNA. PUTTING GREENS Roller Mower Type

16-inch.....\$31.45	18-inch.....\$35.15
---------------------	---------------------

## TOWNSEND'S GOLF WONDER

14-inch.....\$20.00	18-inch.....\$25.00
16-inch.....22.50	20-inch.....27.00

The above prices do not include catchers.  
Catchers and fan with deflector, \$5.75 each.

## COLDWELL HIGH WHEEL

Ball-bearing, 5-blade cylinder.	
14-inch.....\$16.90	18-inch.....\$19.20
16-inch.....18.00	20-inch.....20.35

## GREAT AMERICAN BALL BEARING

High wheel.	
15-inch.....\$17.10	19-inch.....\$22.20
17-inch.....19.90	21-inch.....24.50

## ELECTRA MOWER

9-inch wheel, 4 blade cylinder,  
10-inch, \$6.65.

## JEWEL MOWER

High wheel, 4-blade cylinder.	
12-inch.....\$6.95	16-inch.....\$7.90
14-inch.....7.40	

## ORCHID BALL BEARING

High wheel.	
14-inch.....\$14.80	18-inch.....\$15.75
16-inch.....15.25	

## LAWN TRIMMERS

For cutting around walks, drives, flower beds and borders.

Penna. Regular style, plain-bearing..	\$9.75
Penna. Undercut style; ball-bearing..	11.10
Capitol.....	8.50
Coldwell.....	8.80
Coldwell Gem. 8-inch cut.....	7.40

## GRASS CATCHERS Braun's Make

For the Pennsylvania, Continental, Great

American Ball-Bearing and Michell Mowers.	
12-inch.....\$2.75	15-inch.....\$3.25
14-inch.....3.00	17-inch.....3.50
16-inch.....3.25	19-inch.....3.70
18-inch.....3.50	21-inch.....3.95

Catchers for Penna. Golf Mowers

All sizes, 14- to 21-inch, \$7.20 each.

Catchers for Penna. P. G. Mowers

All sizes, 12- to 18-inch, \$7.20 each.

## K. C. GRASS CATCHER Fits any Mower

Made of sheet iron bottom and canvas sides. Price, 12- to 16-inch size, \$2.25 each; 18- to 22-inch size, \$2.50.

## HORSE LAWN MOWERS

Coldwell, 30-inch, Complete, seat and shafts.....	\$115.40
Coldwell, 35-inch, Complete, seat and shafts.....	132.00
Penna. Pony, 25-inch, 4 blades....	57.00
Penna. Pony, 25-inch, 6 blades....	66.00
Penna. Horse, 30-inch, with seat and shafts.....	133.00
30-inch, without seat and shafts...	109.25
Penna. Horse, 38-inch, with seat and shafts.....	166.25
38-inch, without seat and shafts...	142.50

## Penna. Grand Horse Mower

30-inch, with draft irons.....	\$123.50
30-inch, with seat, and shafts.....	147.25
38-inch, with draft irons.....	156.75
38-inch, with seat, and shafts.....	180.50

## MOTOR MOWERS

Coldwell, Model J—40-inch cut...	\$1500.00
" " G—35-inch cut...	475.00
" " H—30-inch cut...	425.00

(F. o. b. Newburgh, N. Y.)

Ideal, 30-inch cut. Price on application.  
Ideal, 25-inch cut. Price on application.

## COMBINED OR GANG HORSE MOWERS

Townsend's Triplex, 86-inch cut...	\$375.00
------------------------------------	----------

(F. o. b. Bloomfield, N. J.)

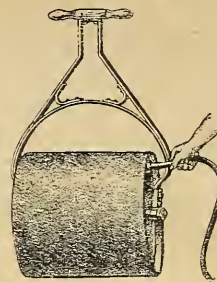
Penna. Trio, 86-inch cut.....\$400.00  
Shawnee, 84-in. cut. Price on application.  
Coldwell, 87-inch cut. Price on application.

## LAWN MOWER OIL (Best Quality)

30c. pint; quart, 45c.; gallon, \$1.00.

Our Garden Tool and Sundries department we believe to be the most fully equipped of any seed store in the United States.

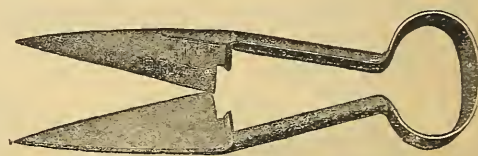
## MICHELL'S WATER BALLAST ROLLERS



Fill with water which will weigh it up to any number of pounds desired, as shown below. Equipped with feature for balancing handles.

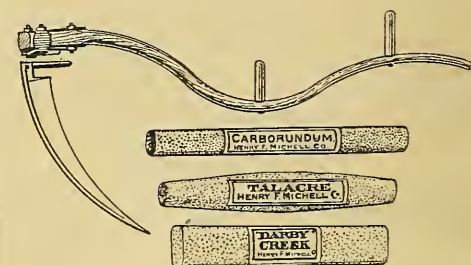
No.	Sec-tions	Diam.	Width	Weight Empty	Weight filled with Water
601...1	14	20	60	250..	\$14.80
602...1	18	24	75	330..	17.80
603...1	24	24	180	525..	20.60
604...1	24	32	200	665..	22.20

Prices on Iron Horse and Hand Rollers on application.



## GRASS SHEARS

No.		
26—6-in. American.....	\$0.40	
114—7-in. English. Trowel shank hand..	1.50	
113—7-in. English. Straight handle..	1.50	
0267—6-inch American.....	.75	
0267—7-inch American.....	1.00	
Goodwin make, each.....	1.65	

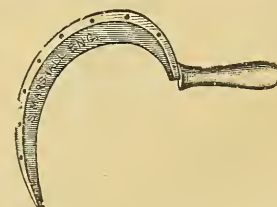


## SCYTHES

	Each
English, 32-inch, rivet back.....	\$2.25
English, 34-inch, rivet back.....	2.35
English, 36-inch, rivet back.....	2.50
American, Little Giant, 32-inch.....	1.75
American, Little Giant, 34-inch.....	1.75
American, Little Giant, 36-inch.....	1.75
Bush, Little Giant.....	1.85
Snathes for Scythes.....	2.00

## SHARPENING STONES

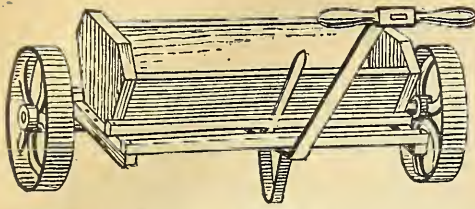
	Each	Doz.
Talacre (Price upon application.)		
Darby Creek.....	\$0.25	\$2.75
Carborundum.....	.30	3.00



## SICKLES OR GRASS HOOKS

	Each	Doz.
English Rivet Back, No. 2....	\$0.85	\$8.50
English Rivet Back, No. 3....	.90	9.50
English Solid Back, No. 2....	.60	6.50
Little Giant, American.....	.60	6.75

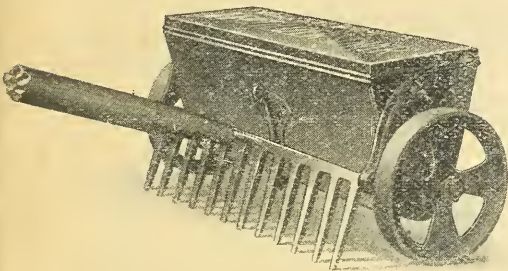




## STEVENS' FERTILIZER DISTRIBUTOR

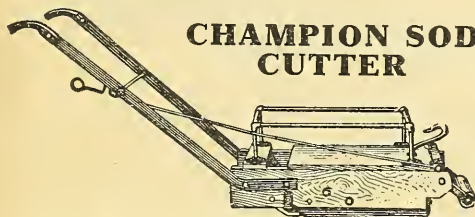
**Hand Machine.** For distributing bone meal, wood ashes and other commercial fertilizers on fields, lawns, etc. Insures perfect and even distribution, requiring less time than by the hand process. Machine holds about 1 1/4 bushels. Covering area, 3 feet wide. Price, \$16.00.

**Horse Machine.** This style is suitable for use on large lawns, fields and golf grounds. It has a device for regulating the quantity to be sown. It is furnished equipped for either one or two horses as may be desired. 5 foot, 10-inch spreading area, 8 foot, 3-inch spreading area. Prices upon application.



## Pen-Vel Fertilizer Sower

A hand power fertilizer sower distributing evenly, accurately and any desired amount of all brands of pulverized dry fertilizers. Sows equally well whether being pushed or pulled—that is backward or forward. The cultivator teeth shown in the illustration cultivates the ground as the fertilizer is sown. Price, \$3.50 each.



## CHAMPION SOD CUTTER

The best and most satisfactory machine on the market. Sod cutters are now used extensively where any great amount of cutting is to be done; work can be accomplished better with this machine; you can cut as much in one hour as two men all day. Price, \$47.50.

Extra Knives for Sod Cutters.....\$7.50

## SOD TAMPERS

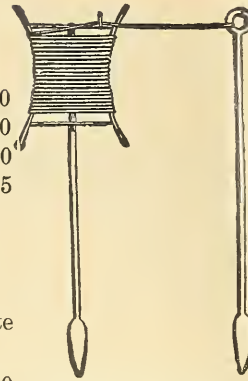
When laying sod it is necessary to properly firm it down, so that it will take new root quickly. It is also convenient for firming the soil or lawn on places where a roller cannot be used; made of iron with wood handle; 12 inches square; weight, 26 lbs. Price, \$3.00.

## SOD PERFORATOR

A convenient implement for use in loosening soil in places where sod is worn out preparatory to sowing grass seed. Price, \$4.50.

## GARDEN REELS

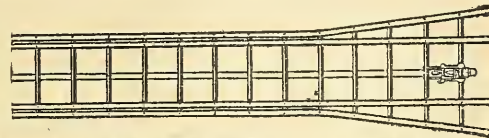
Small, Single...\$1.10  
Medium, Single 1.60  
Large, Single... 2.50  
Large, Double.. 3.25



## GARDEN LINE

Best quality white cotton braided.

100 ft. hanks...\$0.90  
Plow Line Cotton, 45-foot hanks....\$0.65



## EXTENSION LADDERS

These are made in the best manner possible; are complete, being equipped with the necessary rope and pulleys. The ladders we supply are straight, without the curve in the standards, as the illustration shows.

16 ft.....	32 ft.....	65c. foot
18 ft.....	34 ft.....	
20 ft.....	36 ft.....	60c. foot
22 ft.....	38 ft.....	
24 ft.....	40 ft.....	75c. foot
26 ft.....	42 ft.....	
28 ft.....	44 ft.....	
30 ft.....		

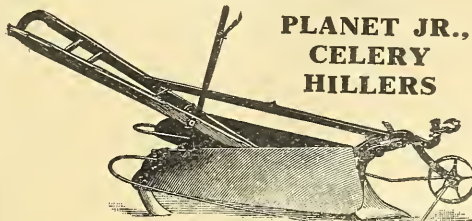
## SINGLE PLANK LADDERS

Made of good, hard wood, free from faulty knots with perfect rounds.

10 ft.....	16 ft.....	50c. foot
12 ft.....	18 ft.....	60c. foot
14 ft.....	20 ft.....	
	22 ft.....	

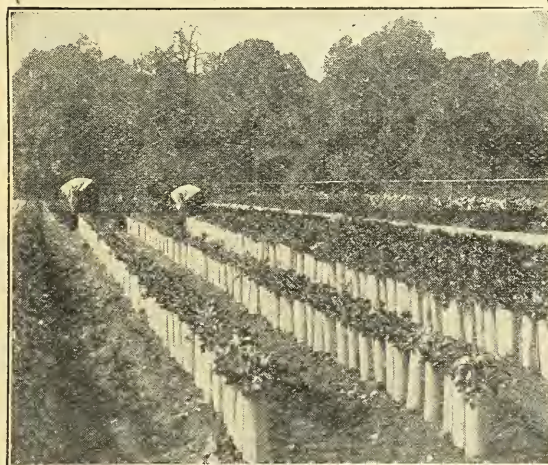
## STEP LADDERS

Gem, 4 ft. to 10 ft., 60c. per foot.



## PLANET JR., CELERY HILLERS

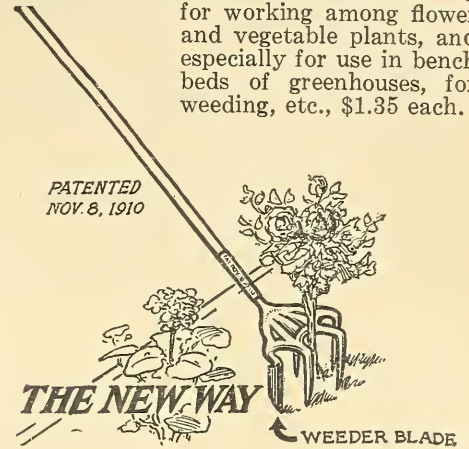
Double, for hilling one side of 2 rows. Price, double style, \$30.50.



The Ball Celery Bleacher as it looks in the Garden

## MEHLER HANDY GARDENER

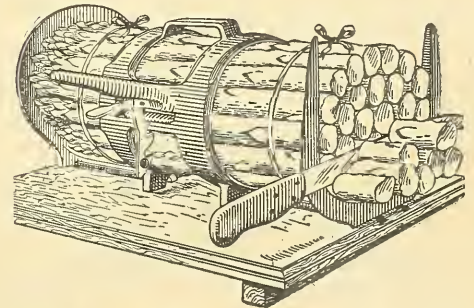
An entirely distinct tool. No hoe is needed where this is used; just the thing for working among flower and vegetable plants, and especially for use in bench beds of greenhouses, for weeding, etc., \$1.35 each.



PATENTED  
NOV. 8, 1910

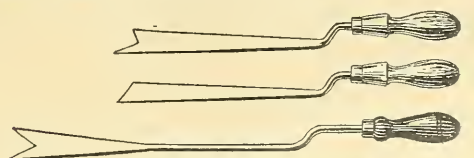
THE NEW WAY

WEEDER BLADE



## ASPARAGUS BUNCHER

Even where one has a limited amount of asparagus to market it pays to use a buncher. It is quickly tied and looks uniform. Buncher, with Knife Guard, \$3.25.



## ASPARAGUS KNIVES

Fig. 110, No. 1 (top illus.).....\$0.50  
Fig. 110, No. 3 (center illus.)..... .50  
Fig. 110, No. 3L (lower illus.)..... .50

## ASPARAGUS TAPE

In fast colors, green and red, glazed finish. 1000-yard spools, \$4.00 per spool.

## BALL CELERY BLEACHER

A practical device for bleaching celery early; made of stiff, heavy paper; celery will bleach in 10 days without soil being drawn to the plant.

P.P.Wt.				
No.	Inches	per 100	50	100
1	6 x12	8 lbs.	\$1.75	\$3.20
2	6 1/2 x13	10 lbs.	2.00	3.70
3	7 x14	14 lbs.	2.10	4.10

Not less than 50 bleachers of a size sold; 500 of a size at 1,000 rate.

## CELERY HANDLERS

Brass, each.....\$3.50  
Tin, each..... 1.65

## CELERY PAPER

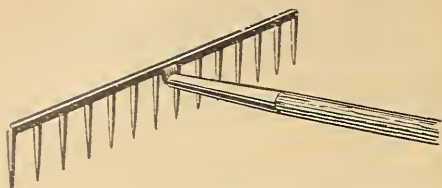
In 500 square foot rolls. Price upon application.

## CELERY TAPE

In spools of 1,000 yards, fast red...\$4.00



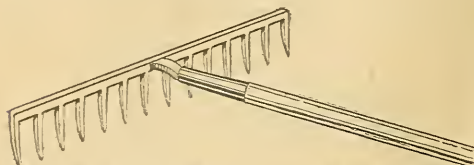
# MICHELL'S FARM AND GARDEN TOOLS



## STEEL GARDEN RAKES

Made of best cast steel, with long teeth for penetrating the ground.

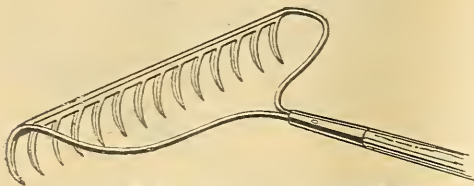
No.		No.	
6—6 tooth..	\$0.70	12—12 tooth..	\$0.85
8—8 “ ..	.75	14—14 “ ..	.90
10—10 “ ..	.80	16—16 “ ..	.95
No. 18—18 tooth, \$1.00			



## STEEL GRAVEL RAKES

These rakes are used for road-making and for paths. Having very short teeth they do not gather up stones or gravel.

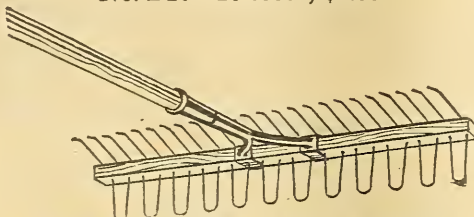
G12—12 tooth..	\$0.90	G16—16 tooth..	\$1.10
G14—14 “ ..	1.00	G18—18 “ ..	1.20
No. G20—20 tooth, \$1.30			



## STEEL BOW RAKES

Preferred by many to the regular garden rake. The teeth are slightly bent toward the operator.

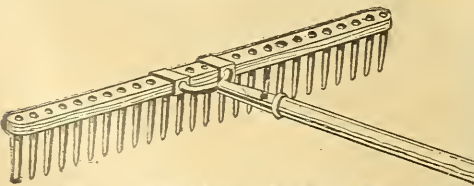
B12—12 tooth..	\$0.95	B14—14 tooth..	\$1.00
No. B16—16 tooth, \$1.05			



## WIRE LAWN OR GRASS RAKES

Made of heavy tinned steel wire. Excellent for lawn or walk work. Rake is reversible.

124R—24 tooth..	65c.	36LR—36 tooth..	\$1.10
No. 342—42 tooth, \$1.25			



## OLE OLSEN LAWN RAKE

Made of best hard wood; well braced; teeth set close together.

26 tooth, hickory wood. Price, \$1.35.

## AUTOMATIC LAWN RAKE

Made of wood; self cleaning.

26 tooth.....	\$1.35	38 tooth.....	\$1.50
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## WOODEN RAKES

Ames, 37X, 24 tooth, steel bows; for lawns.....	\$1.25
Ames, 14 tooth, wood bow; for hay....	1.00
Twenty-tooth, lawn; wire braced....	.65

## MARKING RAKE

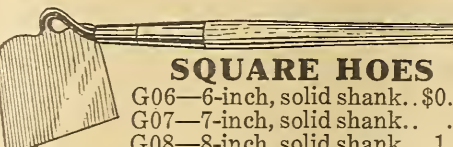
These are for marking out garden rows; adjustable brass teeth which are set for any width row desired up to 4½ feet. Price, \$5.75. (Extra teeth, 60c. each.)



## HALF MOON HOES

Best steel solid sockets, which will not pull out.

HM3—3-inch..	\$0.85	HM6—6-inch..	\$0.95
HM4—4 “ ..	.90	HM7—7 “ ..	.95
HM5—5 “ ..	.90	HM8—8 “ ..	1.00



## SQUARE HOES

G06—6-inch, solid shank..	\$0.90
G07—7-inch, solid shank..	.95
G08—8-inch, solid shank..	1.00
No. 10—10-inch for celery .....	1.50

## WARREN HOES (Heart Shaped)

W7—7-inch.....	\$1.00
W7½—7½-inch.....	1.10

## BABY WARREN (Weeder Style)

### ONION HOES (2 Prong)

Each, 55c.



## SHOVELS

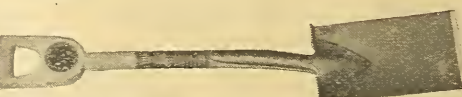
We handle only the very best makes of steel shovels. Every one guaranteed.

### Short Handle

Ames, round point.....	\$2.25
Ames, square point.....	2.25
Maynard, round point.....	2.25
Maynard, square point.....	2.25
Red Edge, round point.....	2.25
Red Edge, square point.....	2.00
Portage City, round point.....	1.50
Portage City, square point.....	1.50

### Long Handle

Ames, round point.....	2.25
Maynard, round point.....	2.50
Maynard, square point.....	2.50
Red Edge, round point.....	2.25
Portage City, round point.....	1.50
Portage City, square point.....	1.50



## STEEL SPADES

Ames, short handle.....	\$2.25
Maynard, short handle.....	2.25
Red Edge, short handle.....	2.25
Nursery (Ames), short handle.....	3.25
Portage City, short handle.....	1.50
Boys'.....	1.30



## SPADING FORKS

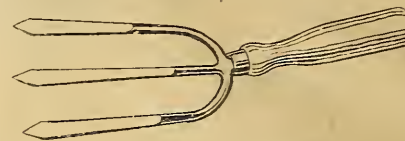
Strapped shanks; short or D-wood handle. Made of best quality steel.

No. O 4 H W. Men's 4-tine.....	\$1.75
No. O 5 H W 5. Men's 5-tine.....	2.00
No. B 4 D. Boys' or Ladies' 4-tine....	.90
No. E D 4. English, 4-tine.....	2.00



## TREE SCRAPER

For removing loose bark from trees prior to spraying. Steel blade may be detached and sharpened. Price, 55c.



## WEEDERS

Eureka Weeding Fork (see cut above), 45c. each; doz., \$5.00.

Eureka Weeder, 45c. each; doz., \$5.00.

Magic Weeder, small, No. A, 20c. each; per doz., \$2.00; No. B, medium, 30c. each; doz., \$3.00; No. H, large, \$1.10 each.

Makefield Weeder, 40c. each.

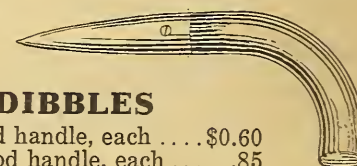
Excelsior Weeders, 10c. each; doz., \$1.10.

Excelsior Weeding Forks, 10c. each; doz., \$1.10.

No. 1. 3W Steel Weeder, 45c.

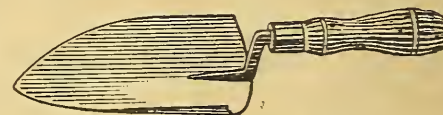


Hazeltine Weeder, 45c. each; doz., \$5.00.



## DIBBLES

Iron, wood handle, each .... \$0.60  
Brass, wood handle, each .... .85



## JOHNSON TROWEL No. 211

These are made of one-piece steel blade and shank; equal to the imported trowels.

5-inch.....	\$0.70	6-inch.....	\$0.75
7-inch.....	\$0.80		

## No. D. S. T. STEEL SHANK TROWEL

Many prefer these as they are somewhat longer in blade and handle, making a very practical tool. 75c. each; doz., \$7.50.

## CLEVES ANGLE TROWEL

For getting dandelion, plantain and other weeds out of the lawn, etc.

5-in....	\$0.20	6-in....	\$0.25	7-in....	\$0.30
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## MISCELLANEOUS TROWELS

No. 213—5-in. Thin Steel. Each, 18c.; \$1.75 per doz.

No. 213—6-in. Thin Steel. Each, 20c.; \$2.00 per doz.

Neverbreak—6-in Heavy Steel. Each, 20c.; \$2.25 per doz.





## HORTICULTURAL KNIVES

A good knife is an essential to every gardener and florist. Our stock consists of such styles that are practical and in demand. They are all of the best steel; every one is guaranteed to be perfect, and give good satisfaction.

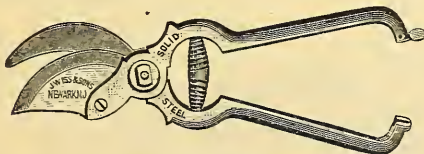
924	English Pruner, 1 blade.....	\$2.25
928	English Pruner, 1 blade.....	2.50
04993	Budding and Pruning, 2 blades	1.50
2852 1/2	Budding, 1 blade.....	1.10
778B.	Budding, 1 blade.....	.75
303	2 Blade Saynor Pruning, stag handle.....	2.25
105	Pruner, 1 blade, steel band cocoa handle.....	1.10
727W.	Budding, 2 blades.....	1.50
400	Saynor Budding, 1 blade....	3.50
401	Saynor Budding, 1 blade....	3.25
343	Saynor Budding, 2 blades...	3.50



Pexto Pruning Shear

## PRUNING SHEARS

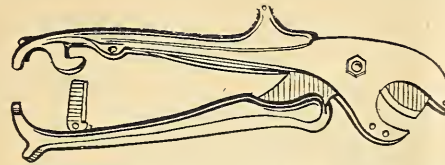
No.	P. P. Weight	
0	Pexto, 9 inches, 2 lbs.....	\$0.50
50	Pexto, 8 inches, 2 lbs.....	.90
R50	Pexto, 9 inches, 2 lbs.....	1.15
55	Pexto, 9 inches, 2 lbs.....	1.50
65	Pexto, 9 inches, 2 lbs.....	1.50
R70	Pexto, 9 inches, 2 lbs.....	1.60
95	Pexto, 10 inches, 2 lbs.....	4.00
110	Pexto, 8 inches, 2 lbs.....	3.00
R165	Pexto, 9 inches, 2 lbs.....	2.00



Wiss Pruning Shears

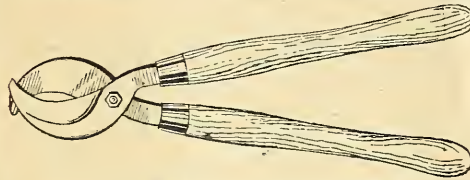
109	Wiss, 8 inches, 1 1/2 lbs.....	\$4.25
110	Perfection, 8 inches, 1 1/2 lbs....	3.00
999	Michell's, 1 1/2 lbs.....	3.00

**Spiral Springs** for any of the above Pruning Shears, 15c. each; per doz., \$1.50. Parcel Post Weight, per doz., 1/2 lb.



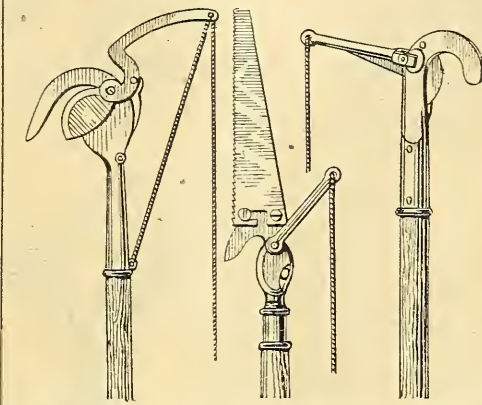
## LEVIN PRUNER No. 23

The handle of these shears afford a great deal of leverage, which makes very easy cutting possible. Price, 90c. Weight, 2 1/2 lbs.



## LOPPING SHEARS

No.		
109	English.....	\$4.00
5400	Clyde Lopping Shear, 24-inch handle.....	3.00
5400	Clyde Lopping Shear, 30-inch handle.....	3.25
5406	Rockdale Lopping Shear, 26-inch handle.....	2.00
	Rhodes Double Cut (See cut).....	4.75



Disston's Little Giant Disston's Little Giant With Saw Telegraph

## TREE PRUNERS

Disston's Little Giant Pruner.....	\$2.00
Parcel Post Weight, 3 1/2 lbs.	
Disston's Little Giant. With saw attachment.....	2.75
Parcel Post Weight, 4 lbs.	

The above prices are for Pruner without rope or pole.

## TELEGRAPH TREE PRUNER

Removable blade, which can be renewed when worn out for 30c. Price, plain, \$1.75. Parcel Post Weight, 2 lbs.

## WATERS TREE PRUNERS

With pole and removable cutting blade, complete.

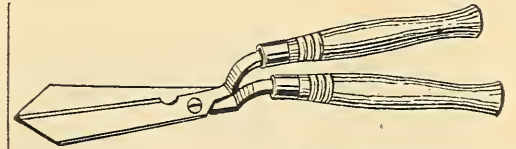
4 feet.....	\$1.75
6 "	2.75
8 "	3.00
10 "	3.25
12 "	3.50
14 "	4.00

Extra Blades for Waters Pruners, 30c. each.

None of the above Tree Pruners except the Waters are equipped with poles or rope. Poles for Tree Pruners.

12 feet long, 1 1/4 inches diameter.....	\$1.80
14 feet long, 1 1/2 inches diameter.....	2.00

Waters Pruners or Poles are not mailable.

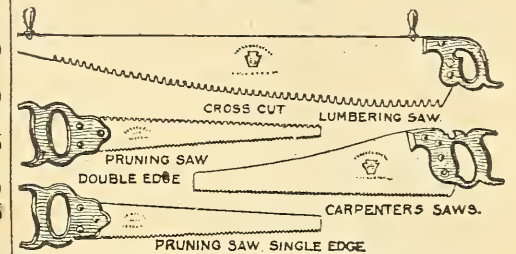


## HEDGE SHEARS

No.		Plain Bolt
101	8-inch American.....	\$2.25
101	9 " ".....	2.75
101	10 " ".....	3.00
101	12 " ".....	3.75
101	8 " ".....	3.00
101	9 " English.....	3.25
101	10 " ".....	3.75
101	12 " ".....	4.25

**Lock Bolts, Nuts and Washers** for hedge shears, 25c. each.

## SAWS



## CROSS-CUT LOG SAWS

One Man, 3 1/2-foot blade.....	\$3.25
Two Man, 5-foot blade.....	5.25

## CARPENTER SAWS

When ordering state if rip or cross-cut.

Disston No. 8—26-inch blade.....	\$2.70
Disston No. 8—28-inch blade.....	3.00

## DISSTON PRUNING SAWS

	P. P. Weight	
18-inch. Double edge.....	2 lbs.	\$1.00
20 " Double edge.....	2 lbs.	1.10
16 " Single edge.....	2 lbs.	1.35
18 " Single edge.....	2 lbs.	1.45
20 " Single edge.....	2 lbs.	1.55
22 " Single edge.....	2 lbs.	16.5



## GRAFTING WAX

1/4-lb., 12c.; 20c. per 1/2-lb.; 1 lbs., 35c.; \$1.60 per 5 lbs.



## GRAFTING TOOL

Parcel Post Weight, 1 lb. Made of best steel, for grafting trees, etc.....\$0.75

## PRUNING GLOVES

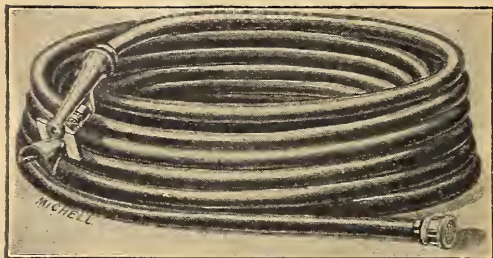
No. 216 Horse Hide, with Gauntlets, lined.....	\$1.75
No. 66 Horse Hide, with Gauntlets, not lined.....	1.75
No. 62 Bucksin, with Gauntlets, not lined.....	2.50

## PRUNING COMPOUND

Used for painting the wounds of trees after pruning.

1 quart.....	\$0.75
1 gallon.....	2.25





### RUBBER HOSE

Special attention is called to "Michell's Akron" Hose, a new brand, which, having been thoroughly tried out, has made good.

Per Foot  
 \*Michell's Special, 1/2 in. .... \$0.12  
 \*Michell's Special, 3/4 in. .... .15  
 \*Michell's Akron, 3/4 in. .... .18  
 Electric, 3/4 in. .... 18 1/2  
 Electric, 1/2 in. .... .17  
 Spray Pump Hose, 3/8 in. .... 13 1/2  
 P. S.—Brands marked \* come in reels of 500 feet and sections in any length to that number of feet may be had.

25- and 50-foot sections of hose coupled free. Smaller sections coupled at the rate of 25c. per pair for couplings attached.

Hose Washers (Rubber).  
 Doz. 1/4 lb. Lb.  
 3/4 inch ..... \$0.05 \$0.20 \$0.65  
 1 inch ..... .05 .25 .75



Caldwell Band  
as applied  
to Hose

### HOSE BANDS

For fastening couplings and menders.

### CALDWELL'S

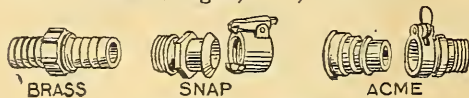
No.	Doz.	Gross
8—For 4-ply hose.....	\$0.35	\$3.00
6—For 3-ply hose.....	.35	3.00
P. P. Weight, doz., 1/4 lb.; 100, 2 1/4 lbs.		

Pliers for Caldwell Bands No. 2, 40c. per pr.

### SURE GRIP

3/4 inch, 4c. each; per doz., 40c.; \$3.00 per 100.  
 1/2 inch, 4c. each; per doz., 40c.; \$3.00 per 100.

Parcel Post Weight, doz., 1 lb.



HOSE COUPLINGS



HOSE MENDERS.

### ACME HOSE COUPLINGS

No. 3 part, for attaching to spigot, 25c. each; doz., \$2.75.

Parcel Post Weight, per doz., 3 lbs.

No. 4 part, for attaching to hose, 45c. each; doz., \$4.75. Wt., doz., 3 lbs.

Couplings complete, consisting of one No. 3 and one No. 4 part, 70c. each; per doz., \$7.50. Wt., per doz., 6 lbs.

### BRASS HOSE COUPLINGS

	P.P. Wt.	Pair	Doz.
1/2 inch.....	3 1/4 lbs.	\$0.22	\$2.25
3/4 inch.....	4 lbs.	.22	2.25

### PERFECT HOSE COUPLINGS

Equipped with a clamp on the male and female part for securing to the hose; no band required; for 1/2- and 3/4-inch hose; mention which is wanted when ordering. 25c. per pair; doz., \$2.85.

### SNAP HOSE COUPLINGS

Snap Couplings. 32c. per pair; doz. pairs, \$3.50. (Washers, 18c. per doz.)

Parcel Post Weight, per doz., 2 1/2 lbs.

### SNAP COUPLING PARTS

No. 2.—Male, 12c. each; per doz., \$1.25. Parcel Post Weight, per doz., 1 1/4 lbs.

No. 1.—Female, 20c. each; per doz., \$2.25. Parcel Post Wt., per doz., 1 1/4 lbs.

Washers for Snap Hose couplings, 18c. per doz.; per 100, \$1.25.

### HOSE MENDERS

	Each	Doz.	100
Cooper's, 3/4 in.....	\$0.10	\$1.00	\$6.50
Cooper's, 5/8 in.....	.10	1.00	6.50
Cooper's, 1/2 in.....	.10	1.00	6.50
Iron, 3/4 in.....	.08	.85	6.50

### PERFECT HOSE MENDERS

For 1/2- and 3/4-inch hose, 12c. each; doz., \$1.25; \$9.00 per 100.

Parcel Post Weight, per doz., 1 3/4 lbs.

### SIAMESE HOSE CONNECTION

This permits one lead of hose to be diverted in two directions. Additional three-way connections can be used according to the water pressure. Price, 75c. each.

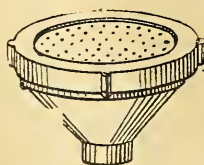


Parcel Post Weight, 1 lb.

### ALLEN HOSE NOZZLE

Similar to the Mystic nozzle.

Parcel Post Weight, 1/2 lb. Price, 70c.



### BINKS NOZZLE

Made of aluminum, with brass face, equipped with interchangeable sprays, coarse and fine. \$2.75 each.

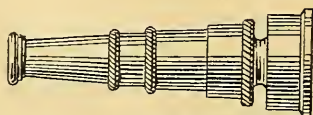
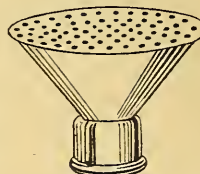
Parcel Post Weight, 1 1/4 lbs.

### BOSTON SPRAY NOZZLE

(For 3/4-inch Hose)

P.P.Wt. Price

Light		
Copper.. 1/2 lb.	\$1.00	
Heavy		
Brass... 1 lb.	1.25	



### MYSTIC HOSE NOZZLE

3/4-inch hose. Regulated to give three different streams. Price, 60c.

Parcel Post Weight, 1/2 lb.

### CHAMPION (Brass) Nozzle

A dandy nozzle for greenhouse use; makes a spray or a solid stream; easily adjusted. 60c. each. P. P. Wt. 1/2 lb.

### ROSE NOZZLE

Useful for watering lawn and garden. Parcel Post Weight, 1/2 lb. Price, 30c.

### UNIVERSAL NOZZLE

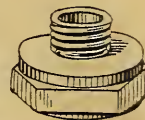
Similar to the Mystic nozzle; has an automatic shut-off.

Parcel Post Weight, 1 lb. Price, \$1.50.

### HOSE REDUCERS

Reduces 1-inch pipe to fit regular 3/4-inch hose. All brass. Each ..... \$0.70

Parcel Post Weight, 1 1/2 lbs.

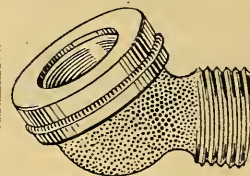


### HYDRANT ATTACHMENT

Used for attaching hose to smooth faucets.

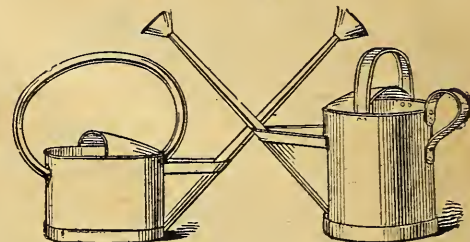
No. 2. For small spigot ..... \$0.55

No. 3. For large spigot ..... .55  
 Parcel Post Weight, 1/2 lb.



### WATER CANS (Wotherspoon's)

Extra Heavy—With Long Spout—Will Last for Years



Each Wotherspoon can except the 2-qt. size, comes equipped with 2 roses, one coarse and one fine.

	Wotherspoon Round	Make Oval	Light Galvanized Iron
2-quart.....	\$1.75		
4 ".....	3.15		\$0.90
6 ".....	3.25	\$4.05	1.00
8 ".....	3.75	4.30	1.15
10 ".....	4.00	4.60	1.35
12 ".....	4.40	5.15	1.45
16 ".....	4.90	5.75	1.80
4-qt. Fern or Low Watering Can.....			2.60

Extra Roses for Wotherspoon Watering Can, either coarse or fine, 40c. each.

### IRON HORSE WATER CANS

Extra Heavy

4-quart.....	\$1.00	10-quart.....	\$1.50
6 ".....	1.10	12 ".....	1.75
8 ".....	1.35	16 ".....	2.25

### RUBBER APRONS

For watering, etc., made of extra heavy material; brass eyelets, \$2.25 each.

Aberdeen, Miss.

Gentlemen:

Please select and send me a good grade of Garden Hose. Your hose stands greenhouse wear better than any we have used.

A. F. CO.



## HOT BED SASH

Philadelphia Style. Made of best quality cypress. Size, 3 feet 1½ inches wide, 6 feet long, 1¾ inches thick. Plain not glazed or painted. Each, \$2.75.

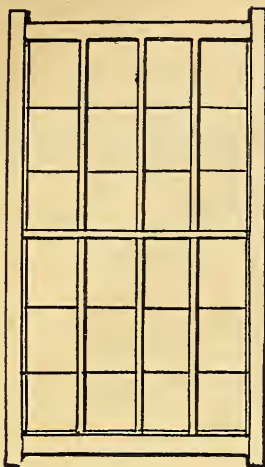
Glazed including painting and puttying. Each, \$7.00

Sunlight Style. Plain, unglazed. Price upon application.

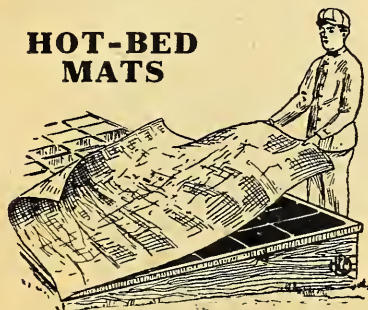
Double Glass Style. Glazed and painted. Each, \$10.00.

Packing Charges on all Glazed Sash, 50c. per sash additional.

All glazed sash are shipped at purchaser's risk, although we pack very carefully to insure safe arrival.



## HOT-BED MATS



The "Burlap Style" are the best mats that it is possible to procure. They are padded with shoddy. Rats and mice do not harbor in them, and they are otherwise practically indestructible.

Non-Waterproof. 72x72 inches, covering two regular size sash. \$3.50 each; doz., \$32.50.

Non-Waterproof. 40x72 inches, for one sash. \$2.25 each; doz., \$24.00.

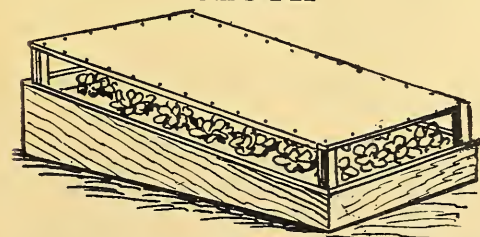
Waterproof Drill. 40x72 inches. \$2.50 each; doz., \$27.50.

Waterproof Drill. 72x72 inches. \$3.75 each; doz., \$42.00.

Straw Mats. 3x6 feet. \$1.75

Straw Mats. 6x6 feet. \$3.25

## SHADING OR PROTECTING CLOTH

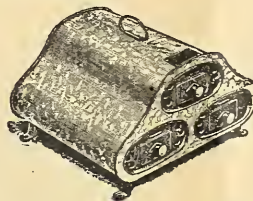


Admirable for summer use, protecting plants, etc., from sun and at the same time allowing ventilation. Made of brown cloth.

	Yds. per Piece	Price Per yd.	Price Per Pc.
Light.....	60	\$0.13½	\$7.20
Medium.....	60	.20	10.80
Heavy.....	40	.25	10.60

## WAGON AND AUTOMOBILE HEATERS

These heaters will keep the temperature above freezing in most any ordinary closed vehicle during the severest weather.



No.	Each
6B. Single drawer, 12-in. long with brussels carpet.....	\$3.25
7B. 20 in., single drawer, Brussels carpet.....	5.50
10. Three drawers. (See cut).....	8.00

Coal for Wagon Heaters, \$1.10 per doz. bricks; per 100, \$7.75.

Tongs for Handling Hot Coal, 35c.

## IRON PLANT STANDS



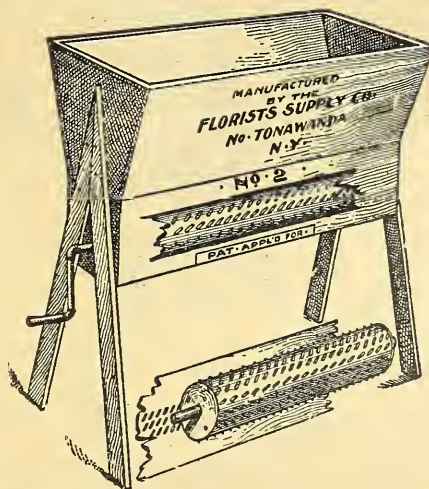
Have a tilting device so that plant may be set at any angle if desired.

Enameled green.

Inch	Size of Plates	Price Each
12.....	5 x 7	\$1.35
18.....	5 x 7	1.45
24.....	8 x 10½	1.80
30.....	8 x 10½	1.90
36.....	8 x 10½	2.00
42.....	8 x 10½	2.10
48.....	8 x 12	2.40
60.....	8 x 12	2.50
72.....	8 x 12	2.70

## EXTRA PLATES FOR IRON STANDS

Each	Each
5 inch.....\$0.40	10½ inch.....\$0.80
7 inch......50	12 inch..... 1.00
8 inch......60	



## SOIL CRUSHER AND SOD PULVERIZER

The machines are equipped with a hopper and a roller, the latter being spiked. It is turned by means of a handle and crushes the soil perfectly, avoiding necessity to sift.

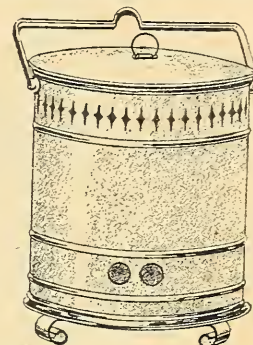
No. 1, \$21.00 | No. 2, \$31.50 | No. 3, \$42.00

## MOLE TRAPS

	Each
Olmsted.....	\$1.75
Reddick.....	1.00

## CLARK WAGON HEATER

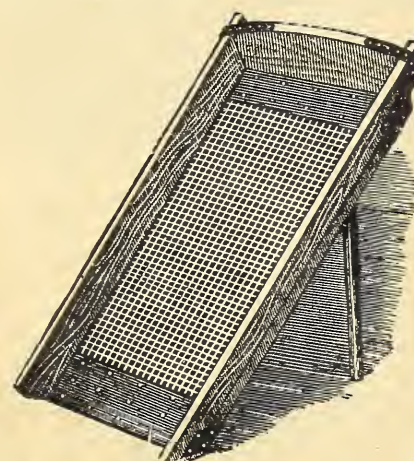
This indestructible steel wagon heater is admirably suited to the needs of all who operate delivery wagons for goods subject to freezing. It yields a strong, steady heat without smoke or odor. Strong, safe and practical. Price, \$2.50 each.



## SIEVES (any size mesh)

Made extra well, of galvanized wire and hardwood.

20 inch Foundry (extra heavy wire)...	\$1.40
20 inch Regular wire.....	1.50
18 inch Regular wire.....	1.30

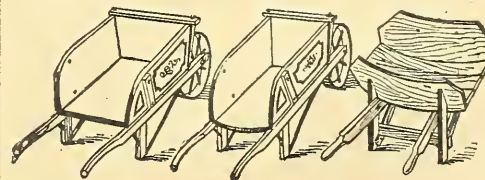


Upright Sieve, for soil, gravel, sand, etc. Made in any size mesh, of extra heavy foundry wire, \$12.50 each.

## WHEELBARROWS

(Michell's Special Greenhouse)

This is a very narrow barrow, designed for use in aisles of a greenhouse. Box measures inside 14 ins. in front, 17 ins. in back, and 12 inches deep. Handles, 4 feet 8 inches long. Spread of handles at hand hold 20 ins., which is extreme width of barrow. Furnished in 18-inch diameter wheel. Nicely painted and striped. Price, \$11.00.

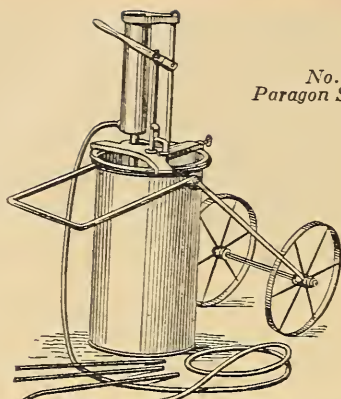


## OTHER WHEELBARROWS

	No.	Tire	Lgth.	Depth	Width	Price
	in.	in.	in.	in.	in.	
Ataboy						
Steel Tray	1½	26	8½	22		\$6.50
Eastern... 3	1½	28	11	22		7.00
Eastern... 4	3	26¼	11½	27		8.00
Eastern... 5	3	28¼	11¾	27		8.75
Boys'.... 2	2	21¾	9¼	20		6.50
Canal—Side dump (bolted).....						5.00

Our Garden Tool and Sundries department we believe to be the most fully equipped of any seed store in the United States.



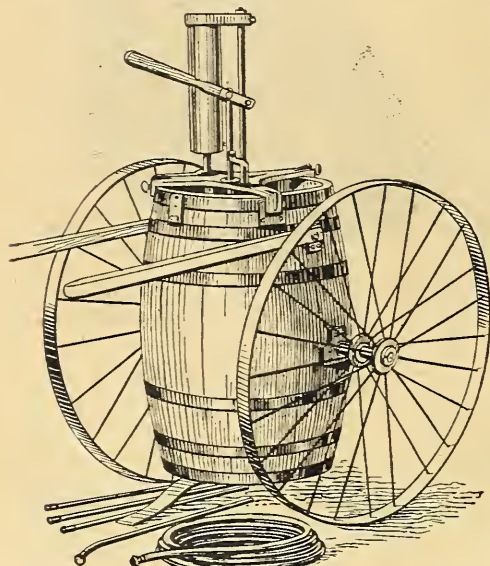
No. 3  
Paragon Sprayer**PARAGON SPRAYER**

Especially desirable for the reason that it is not necessary to strain the material. Excellent for applying whitewash or cold water paint.

No. 0.—Capacity 3 gallons, equipped with 4 ft. of hose, 1 3-ft. extension pipe and 2 spray nozzles, \$14.25.

No. 1.—With a 5-gal. reservoir, 5 ft. of hose and 2 extension pipes, \$19.00.

No. 3.—Equipped with a 12-gal. tank mounted on a truck, three 2½ ft. extension pipes, 2 nozzles and 10 ft. of hose, \$29.00. Without truck, \$25.00.



No. 4 Paragon Sprayer

No. 4.—Mounted on a two-wheel truck; equipped with 10 ft. of extension pipe, 20 ft. of hose and 2 nozzles. Complete, \$43.00.

No. 5.—Capacity of barrel 50 gallons, equipped with 25 ft. 6-ply hose, 1 10-ft. iron extension pipe, 1 3-way spray nozzle and 1 single spray nozzle, no truck, \$48.00.

Extra Washers for pump plungers for Paragon Sprayers, 25c. each.

**SPRAY BUCKET PUMPS**

No. 689. Perfect Success (with bucket fastener), \$7.50.

These are made entirely of brass except the foot rest, bucket fastener and hand grip. The prices below do not include bucket, but include nozzle and 3½ feet of ¾-in. hose.

No. 256. Success (without bucket fastener), \$7.25.

**No. 1 MYSTO KNAPSACK SPRAYER**

A new knapsack sprayer which works on the compressed air principle. Compact in construction and light in weight, so that it can be easily carried around. We will sell this sprayer under the condition that if it is not the best purchase in this line you may return it at our expense and your account will be credited in full after you have given it a thorough trial. Price, \$22.50.

**AUTO SPRAY**

This operates by compressed air; safe and efficient; liquid capacity, four gallons; pressure capacity, 40 lbs. No sprayer is sold under broader guarantee for efficiency and durability. They will successfully spray bushes, shrubbery and trees, the latter with the use of extension pipes. The brass tank sprayer is the best as corrosive solutions can be used in it without injuring the same. Auto-Sprayers are not mailable.



Auto Spray

No. 1-B.—Brass; equipped with hose and Auto-Pop Attachment, \$8.55.

No. 1-D.—Galvanized Iron; equipped with hose and Auto-Pop, \$5.85.

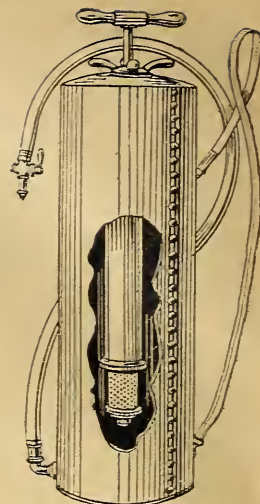
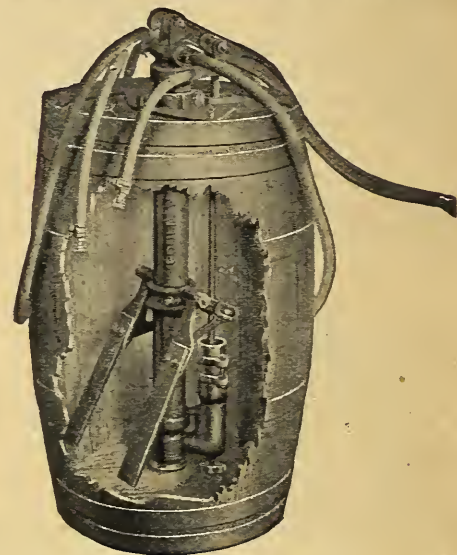
**Auto-Pop Nozzle Attachment;** controls the flow instantly by a pressure of the hand. When Auto-Pop Attachment is purchased separately: Plain, \$1.80 each. \$2.25 complete with hose. P. P. weight, 1 lb.

**BOOKS ON SPRAYING**

Spraying Crops (Weed).....\$0.80  
Spraying of Plants, The (Loderman).....1.50

**No. 22 BINKS Compressed AIR SPRAYER**

Galvanized steel tank, 5 gallons capacity. Brass pumps with a patent clamping device, equipped with 3 ft. of hose, spray nozzle, shut-off cock and shoulder strap. P. P. weight, 5 lbs. Price, \$8.00.

**GOULD SPRAY PUMPS**

Gould's Pomona Spray Pump

This make of spray pump has been favorably regarded among gardeners, farmers and fruit growers for years. The variety is great enough to fill every special and everyday need.

**Pomona. No. 1100.** Plain barrel pump. Price, \$19.80.

**Pomona. No. 1100.** Outfit C, with agitator, 15 ft. ½-in. special spray hose and 1 Mistry Jr. Nozzle. Price, \$25.45.

**Pomona. No. 1100.** Outfit D, with agitator and 2 15-ft. leads of special ½-in. spray hose and 2 Mistry Jr. Nozzles. Price, \$31.05.

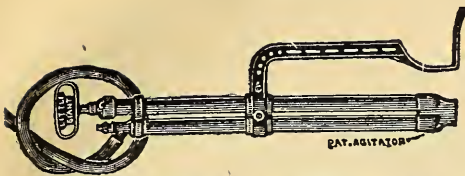
**Gould's Fruitall. Fig. 1188.** Plain barrel pump, \$10.80.

**Gould's Fruitall. Fig. 1188 (Outfit C),** with agitator and 1 15-ft. lead of ½-in. special spray hose and 1 Mistry Jr. Nozzle. Price, \$16.45.

**Gould's Fruitall. Fig. 1188 (Outfit D),** with agitator and 2 15-ft. leads of ½-in. special spray hose and 2 Mistry Jr. Nozzles. Price, \$22.05.

A complete line of Insect Destroyers will be found on pages 90 and 91.





## MYER'S BUCKET PUMP

This is a double brass chamber arrangement, and fills the want of those desiring a medium-priced sprayer.

Price, \$6.00, including hose and nozzle.



## HAND SPRAYERS

**Automatic** (Compressed Air). See cut. Very easily operated.

Tin, each.....\$0.90 | Brass, each....\$1.80

**Cyclone Sprayer.** Similar to the above but with no automatic air reservoir.

No. 112, tin, each, 45c.; No. 114, brass, each, 90c.

No. 22. **Brown's Hand Sprayer.** Tin, 75c.

**Robertson's Sprayer.** Galvanized tank; furnishes a continuous spray, with an adjustable nozzle, for spraying underneath foliage, \$1.50 each.



## HEAVY BRASS SYRINGES

Parcel Post

No.	Diam.	Length	Wt.	Price
99.	1½ in.	18 in.	1 spray.	1¾ lbs. \$3.90
101.	1¼ in.	14 in.	2 sprays.	2 lbs. 4.20
101A.	1½ in.	16 in.	2 sprays.	2¼ lbs. 4.50
110.	1¾ in.	20 in.	2 sprays.	4½ lbs. 9.60
120.	1¾ in.	20 in.	Adjustable 5 lbs.	11.40



## EXTENSION PIPES, ETC.

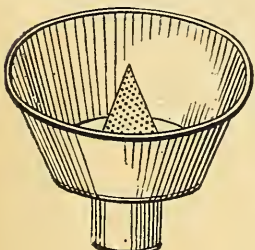
For reaching into trees (¾-in. threads).

Bamboo, with brass tube, 10 feet.....	\$4.25
Bamboo, with brass tube, 12 feet.....	4.50
Galv. Iron, 2 ft., for Auto Sprays.....	.45
Brass, 2 ft., for Auto Sprays.....	.55
Pet Cock, for extension pipes.....	1.10
Paragon Extensions, 2½ feet.....	.50

## SPRAY NOZZLES (¾-in. Thread)

Mistry, Jr., Fig. 1688, Straight style....	\$0.75
" Jr., Fig. 1691, Elbow style.....	.75
" Fig. 1689, Single nozzle, adjustable angle.....	1.45
Fig. 1690, Double nozzle, adjustable angle.....	3.20

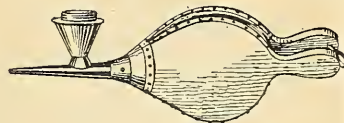
If nozzles are wanted for ¾-in. hose connections, add 60c. to above prices for Fig. 966 combination.



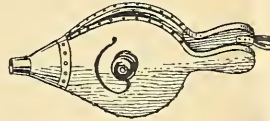
## COPPER STRAINER

For straining whitewash, spraying material, etc., \$1.25 each. Parcel Post weight, 1 lb.

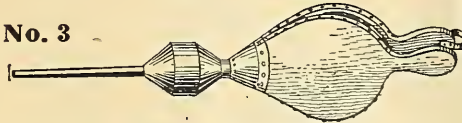
No. 1



No. 2

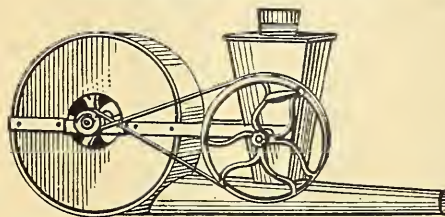


No. 3



## BELLOWS

	P. P. Wt.	Each
No. 1. Small Single Cone....	2 lbs.	\$2.75
No. 2. Sulphur Bellows.....	3 lbs.	3.50
No. 3. Large Double Cone....	5 lbs.	6.00
Large Single Cone....	3 lbs.	4.00



## SULPHUR BLOWER

For distributing sulphur and insecticides of various kinds. Made of heavy metal, no wearout to them. Price, \$7.00.



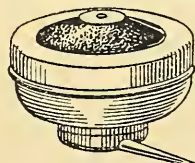
## PARIS GREEN SHAKERS

For dusting vegetables, potatoes, etc.

**B. D. Style.** Made of tin, suitable for all powdered insecticides. (P. P. Wt., 3 lbs.) 65c.

**Farmer's Favorite.** (See cut.) Large double-action affair, \$3.25 each. P. P. wt., 4 lbs.

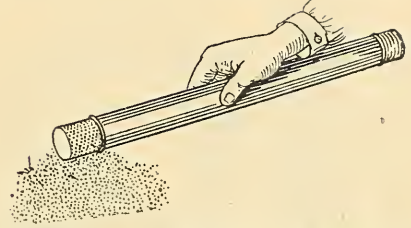
## WHIRLWIND POWDER GUN



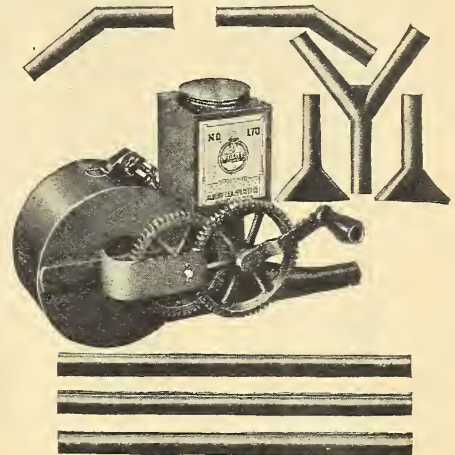
Very useful for distributing dry powder. Price, 30c.

P. P. Weight, 8 ozs.

**Our Garden Tool and Sundries Department** we believe to be the most fully equipped of any seed store in the United States. Most every article of real merit for horticultural work will be found here, and of the best quality.



**Dicky Duster** (see cut). Excellent for distributing Bug Death, Slug Shot, etc. Price, 45c.; P. P. Weight, 1 lb.



## UTILITY DUSTER

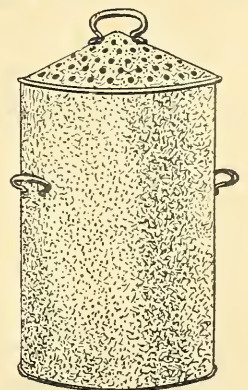
Used for the application, in dry form, of Arsenate of Lead, Paris Green, etc. Made of heavy tin, enameled red; iron and brass machined cut gears. Provided with tubes, connections and nozzles as illustrated; also an adjustable carrying strap. Price, \$12.00.

## VAPORIZING LAMP

Practical and indestructible; all metal; burns kerosene; used for dispensing fumes of Nikoteen and other preparations of this sort. 75c. each; doz., \$8.00.



Vaporizing Lamp



Perfection Fumigator

## FUMIGATORS

### Perfection Make

Fitted with a water tank to prevent burning out.

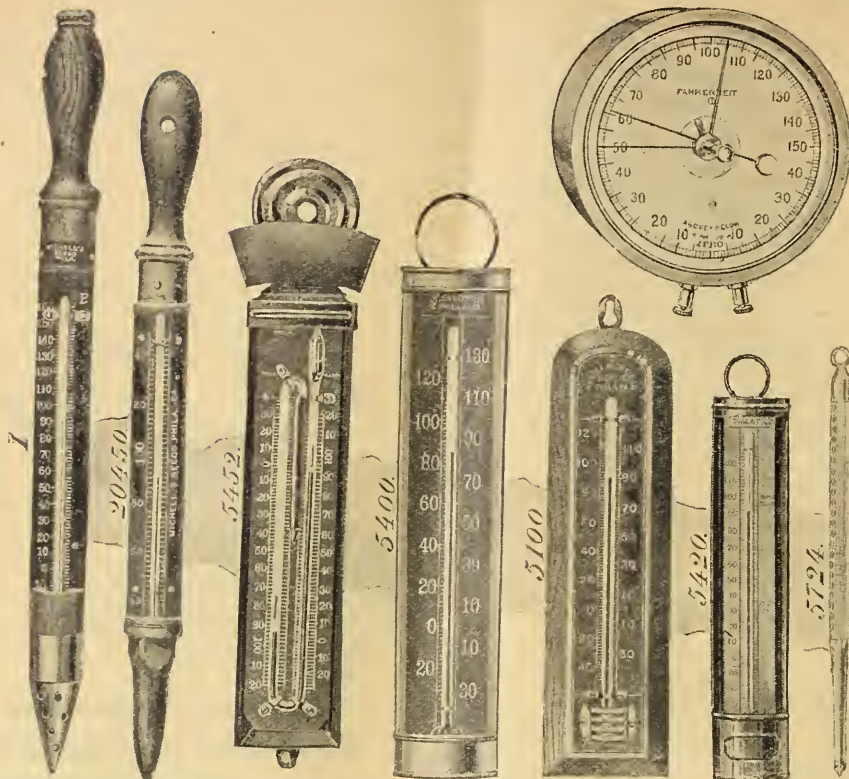
No.	Feet	Each
1 for house, 12 x 40.....		\$5.15
2 for house, 15 x 100.....		6.30
3 for house, 20 x 100.....		8.00
5 for house, 20 x 150.....		9.75

### Eureka Make

No.	Feet	Each
1 for house, 10 x 40.....		\$2.75
2 for house, 15 x 50.....		3.25
3 for house, 15 x 100.....		4.50
4 for house, 20 x 100.....		6.25



# MICHELL'S SUNDRIES FOR FLORISTS



## THERMOMETERS

No. 5452—Maximum and Minimum. Registering the coldest and the warmest points during the previous night. 8-in. each, \$5.00; 10-in. each, \$5.50.

Tested grade. These are accurate and may be depended upon. Each Doz.

No. 5420—8 in., Tin Case....\$0.80 \$8.50

No. 5420—10 in., Tin Case.... 1.10 12.00

No. 5420—12 in., Tin Case.... 1.35 15.00

No. 5400—8 in., Genuine Copper Case..... 1.50

No. 5400—10 in., Genuine Copper Case..... 1.85

No. 5100—8 in., Wood Back, Black Scale..... 1.25

No. 5100—10 in., Wood Back, Black Scale..... 1.50

## DAIRY THERMOMETER

No. 5724—For use also in testing soil temperature, each.....\$0.45

## HOTBED THERMOMETERS

No. 20450—Galvanized Iron Point, each.....\$1.75

No. 1—Brass Point, wood case, paper scale..... 1.25

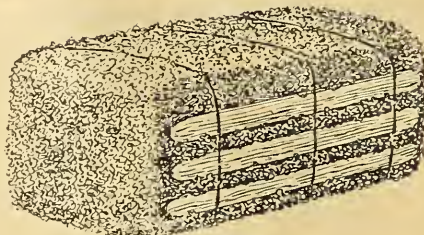
## THERMOSTATS

No. 1—Thermostat. This will be found far more reliable than the old method of having a thermometer attached to an ordinary thermostat and bell. Furnished complete with the exception of wire, battery and bell. All brass. Price f. o. b. Philadelphia. Not water-proof style, G. H. 3, \$10.50; G. H. 4, water-proof style, \$16.50. Price f. o. b. factory. G. H. 3, \$10.00 each; G. H. 4., \$16.00 each.

## PAPER FOR WRAPPING BOXES AND FLOWERS

Sheets per

	Ream	Lb.	Ream
Manilla. For wrapping.....	480	\$0.14	\$3.50
Manilla. Tissue.....	480	.15	1.35
Wax. White. Best quality,			
24 x 36 inches.....	480	.35	2.75
Wax. Green. Best quality,			
24 x 36 inches.....	480	.45	3.50



## MOSS

We make a specialty of long, clean, selected sphagnum moss; florists will find the quality we furnish to be much better than the average.

Sphagnum, Live or Green. Peck, 40c.; \$1.25 per bush.; per bbl., \$2.75.

Sphagnum, Dry. Barrel bales, \$1.25.

Sphagnum, Dry. Large bales burlapped or wrapped, \$2.50. \$11.25 for 5 bales; 10 bales, \$21.00.

Green Lump. Peck, 40c.; \$1.25 bushel; bbl. bag, \$2.25.

Green Sheet. 50c. per peck; bushel, \$1.50; \$2.75 per bbl. sack.

## CARNATION MENDING DEVICES

Staples. For calyx mending, 35c. per 1,000; 5,000 for \$1.50; \$2.80 for 10,000; 25,000 for \$6.50; \$12.50 for 50,000.

Rubber Bands. Ounce, 25c.; 85c. per ¼ lb.; ½ lb., \$1.60; \$3.00 per lb.

## Bauer Carnation Outfits

Pliers and 1,000 clips, \$2.50.

Pliers, each, \$2.00.

Clips, 85c. per 1,000; 5,000 for \$3.75.

## TINFOIL

Width Lb. 5 lbs. 10 lbs.

	Plain (5 lb. rolls) .5 inch	\$0.75	
Plain.....	5	\$0.15	.70 1.30
Plain.....	6	.15	.70 1.30
Violet Foil.....	6	.45	
Green Foil.....	6	.45	
Patent Cutter for rolls of Tinfoil, 60c.			
Ask for prices on large quantities of foil.			



## CORRUGATED PAPER

### CUT-FLOWER BOXES

Used almost exclusively for carrying and shipping cut flowers; they are lighter than wooden ones.

Special sizes to order in lots of not less than 100 of a kind. Price on application.

	Each	Doz.	100
48 x 14 x 8 inch.....	\$0.55	\$5.50	\$35.00
42 x 14 x 8 ".....	.45	4.50	31.00
36 x 14 x 6 ".....	.40	3.75	26.00
30 x 12 x 6 ".....	.30	3.00	17.50
24 x 8 x 5 ".....	.25	2.00	15.00

If corrugated boxes are ordered shipped, a slight charge is made for packing.

### CUT-FLOWER BOXES

For counter use; mist green, lined white inside. The sizes offered in this finish are carried in stock; other sizes in this finish also in manilla, mist tan and oxford gray can be supplied on short notice. Boxes shipped from stock are supplied not printed only—we can furnish boxes printed, shipment from factory in about two weeks. Printing is charged for at cost.

Price f. o. b. factory in N. Y. in lots of not less than 50 of a size.

Price f. o. b. Phila.

L.	W.	D.	Doz.	100	Per 100
*18 x	5 x 3	inch..	\$0.55	\$4.00	\$3.40
*24 x	5 x 3 ½	" ..	.85	6.25	5.32
*24 x	8 x 4	" ..	1.10	8.00	6.80
*28 x	8 x 5	" ..	1.50	11.00	9.35
*30 x	10 x 6	" ..	1.90	14.70	12.50
*30 x	12 x 7	" ..	2.50	19.00	16.15
*36 x	8 x 5	" ..	1.90	14.00	11.90

F. o. b. factory

L.	W.	D.	Doz.	100	Per 100
16 x	4 x 3 in..		\$2.97	28 x 8 x 4 in.	\$7.65
20 x	4 x 3 in..		3.40	30 x 5 x 4 in.	6.60
21 x	5 x 3 in..		3.83	36 x 6 x 5 in.	10.20
21 x	7 x 3 ½ in.		5.52	36 x 10 x 6 in..	15.30
24 x	8 x 5 in.		7.65	42 x 8 x 5 in.	15.30

Sized marked \* are carried in stock at Philadelphia, the other sizes are shipped from the factory in N. Y. state.

## VIOLET AND CORSAGE BOXES

F. o. b. factory only.

	100
8 x 5 x 5 inch.....	\$3.82
9 x 6 x 5 ".....	4.25
12 x 6 x 5 ".....	5.10
12 x 10 x 6 ".....	7.14
15 x 6 x 5 ".....	6.16

SPECIAL NOTE—There is no charge for printing boxes when the order amounts to 500 or more in one or assorted sizes; if less are ordered the charge for printing in one color, is \$1.75 for the lot.

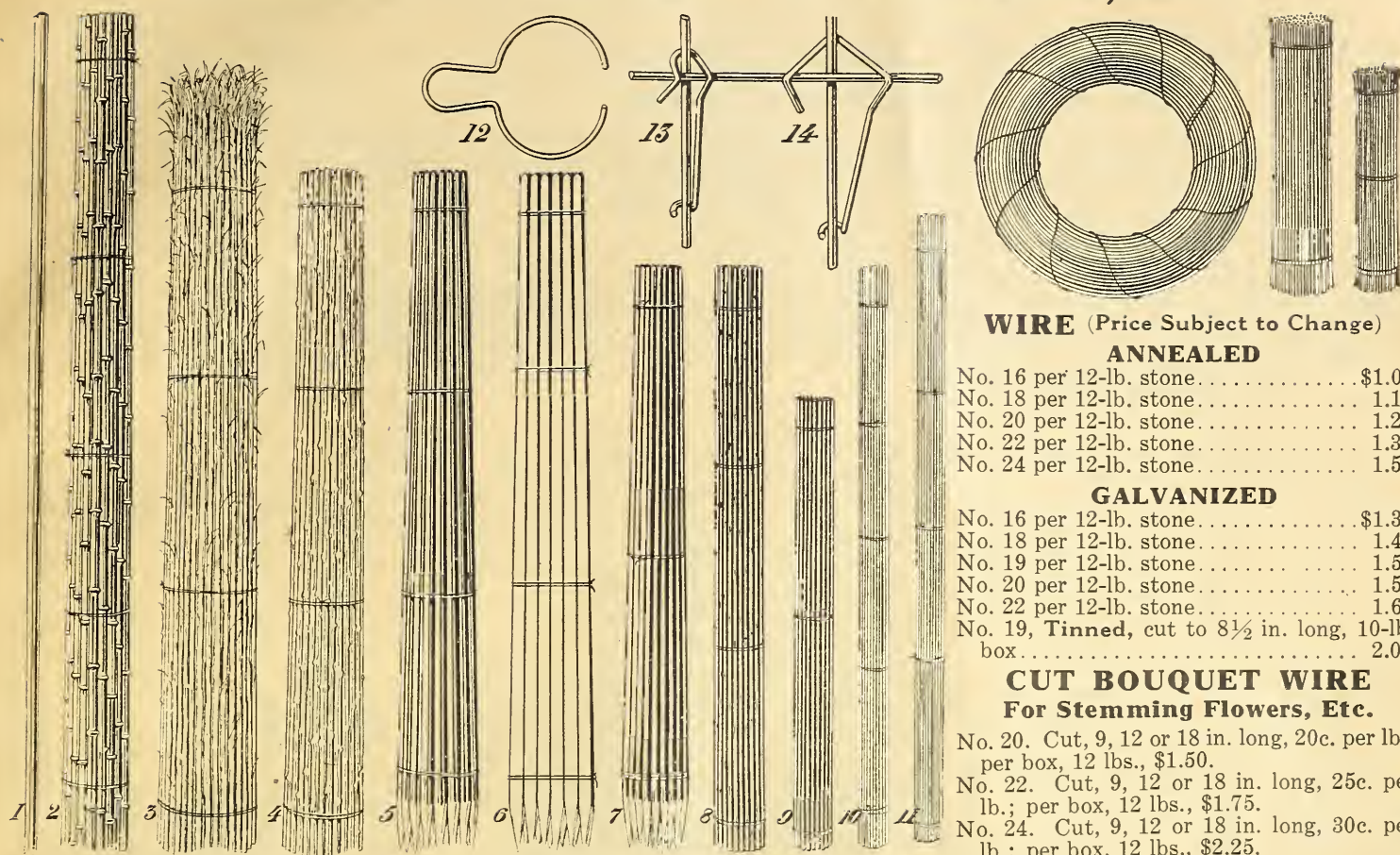
## DESIGN BOXES

Manila lined board in heavy weights.

F. o. b. factory only.

	100
16 x 16 x 8 inch.....	\$11.10
18 x 18 x 8 ".....	13.09
20 x 20 x 9 ".....	17.26
24 x 24 x 8 ".....	19.55





Key to above illustration: No. 1, Pole for Pruners; No. 2, Bamboo Poles. Stakes, No. 3, Southern Cane; No. 4, Japanese Cane, natural; No. 5, Dahlia; No. 6, Square; No. 7, Tapering; No. 8, Japanese Cane, green; No. 9, Hyacinth; No. 10, Galvanized Wire, No. 10 wire; No. 11, Galvanized Wire, No. 8 wire; No. 12, Wire Plant Ties; No. 13, Eureka Stake Fastener; No. 14, Everlasting Stake Fastener.

## PLANT STAKES

### No. 10 Steel Wire, Galvanized

	Doz.	100	1000		Doz.	100	1000
2 foot.....	\$0.15	\$0.85	\$6.00	4½ foot.....	\$0.40	\$1.50	\$11.75
2½ ".....	.20	1.00	7.00	5 ".....	.45	1.65	13.00
3 ".....	.25	1.15	8.00	5½ ".....	.50	1.80	15.00
3½ ".....	.30	1.25	9.00	6 ".....	.55	2.00	16.50
4 ".....	.35	1.35	10.25				

### No. 8 Steel Wire, Galvanized

For staking American Beauty and other strong-growing roses.

	Doz.	100	1000		Doz.	100	1000
2 foot.....	\$0.25	\$1.25	\$8.75	4½ foot.....	\$0.50	\$2.25	\$18.50
2½ ".....	.30	1.35	10.50	5 ".....	.55	2.50	20.50
3 ".....	.35	1.60	12.75	5½ ".....	.60	2.65	22.00
3½ ".....	.40	1.75	14.00	6 ".....	.65	2.75	23.00
4 ".....	.45	2.00	16.00				

### GREEN PAINTED TAPERING PLANT STAKES

	Doz.	100		Doz.	100
1½ foot.....	\$0.23	\$1.73	3½ foot.....	\$1.00	\$7.70
2 ".....	.42	3.22	4 ".....	1.20	9.20
2½ ".....	.61	4.71	5 ".....	1.59	12.19
3 ".....	.81	6.21			

### GREEN PAINTED HEAVY OR DAHLIA STAKES

	Doz.	100		Doz.	100
3 foot.....	\$1.29	\$9.89	5 foot.....	\$2.19	\$16.79
3½ ".....	1.49	11.38	6 ".....	2.68	20.58
4 ".....	1.71	13.11			

### SQUARE PAINTED PLANT STAKES

	Doz.	100		Doz.	100
1½ foot.....	\$0.23	\$1.65	3½ foot.....	\$1.00	\$7.25
2 ".....	.35	2.34	4 ".....	1.10	8.50
2½ ".....	.50	3.60	5 ".....	1.65	12.60
3 ".....	.90	6.50	6 ".....	1.90	14.50

### HYACINTH STAKES (Wood) Dyed Green

	100	1000	5000	10,000
5 inch.....	\$0.15	\$1.00	\$4.50	\$8.50
12 inch.....	.25	2.00	9.50	18.50
18 inch.....	.35	2.75	13.25	26.00

## WIRE (Price Subject to Change)

### ANNEALED

No. 16 per 12-lb. stone.....	\$1.00
No. 18 per 12-lb. stone.....	1.10
No. 20 per 12-lb. stone.....	1.25
No. 22 per 12-lb. stone.....	1.35
No. 24 per 12-lb. stone.....	1.50

### GALVANIZED

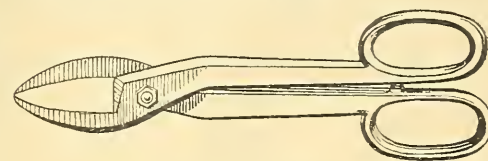
No. 16 per 12-lb. stone.....	\$1.35
No. 18 per 12-lb. stone.....	1.45
No. 19 per 12-lb. stone.....	1.50
No. 20 per 12-lb. stone.....	1.55
No. 22 per 12-lb. stone.....	1.60
No. 19, Tinned, cut to 8½ in. long, 10-lb. box.....	2.00

## CUT BOUQUET WIRE For Stemming Flowers, Etc.

No. 20. Cut, 9, 12 or 18 in. long, 20c. per lb.; per box, 12 lbs., \$1.50.	
No. 22. Cut, 9, 12 or 18 in. long, 25c. per lb.; per box, 12 lbs., \$1.75.	
No. 24. Cut, 9, 12 or 18 in. long, 30c. per lb.; per box, 12 lbs., \$2.25.	

## WIRE SNIPS

No. 833—7½ in. blade.....	Each \$1.15
---------------------------	-------------



No. 832—8 inches, long blade.....	Each \$1.15
No. 12—8 inches, heavy, P. P. Wt. 1 lb.....	1.25
No. 10—10 inches, heavy. P. P. Wt. 2 lbs.....	1.75

## CANE STAKES

	100	500	1000
Southern, about 6 to 7 ft., selected.....	\$1.25	\$5.00	\$9.00

### JAPANESE CANE STAKES (Very Thin)

Natural		Green			
	100	1000		100	1000
2 1/2 foot.....	\$0.85	\$6.00	1 1/2 foot.....	\$0.70	\$4.75
3 ".....	1.00	7.00	2 ".....	.80	5.50
4 ".....	1.20	9.00	2 1/2 ".....	.85	6.50
6 ".....	1.50	12.50	3 ".....	1.10	8.00
			3 1/2 ".....	1.20	9.00
			4 ".....	1.30	10.00
			5 ".....	1.50	12.50

## STAKE FASTENERS

Everlasting. Heavy, \$2.00 per 500; 1000, \$3.50; \$17.00 per 5000; 10,000 for \$32.50.  
Eureka. Light, \$2.50 per 1000; \$12.00 per 5000; 10,000 for \$23.50.

## BUSCHARDT'S WIRE PLANT TIE

Takes the place of twine; can be used more quickly and many times. Per 1000, \$2.00.

## POLES FOR TREE PRUNERS

12 feet long, 1¼ inches diameter.....	each \$1.80
14 feet long, 1½ inches diameter.....	each 2.00

## BAMBOO POLES

	Each	Doz.	1000
15½ to 16 feet.....	\$0.40	\$4.50	\$32.50
17½ to 18 feet.....	.50	5.75	47.00
19 to 20 feet.....	.65	6.75	50.50



**MICHELL'S WIRE DESIGNS**Carefully and  
Substantially Made

WHEN ORDERING PLEASE STATE NUMBER AND SIZE

**FLORAL ART**  
 A book containing about  
 50 illustrations of designs.  
 Price \$1.25.

We make a slight charge at actual cost for packing Wire Designs, on account of the small profit at which they are sold.

**ANCHORS—FLAT**

No. 1

In.	Each	25	100	In.	Each	25	100
10	\$0.20	\$3.75	\$13.00	20	\$0.40	\$8.00	\$30.00
12	.22	4.50	15.00	22	.45	10.00	36.00
14	.25	5.00	17.50	24	.50	11.00	42.00
16	.30	6.00	21.00	30	1.25	25.00	90.00
18	.35	7.00	24.00	36	1.75	37.50	140.00

**ANCHORS ON BASE**

No. 3

**STANDING ANCHORS**

Measure not including base

In.	Each	25	100	In.	Each	25	100
10	\$0.30	\$6.00	\$21.00	20	\$0.55	\$13.00	\$48.00
12	.35	7.00	24.00	22	.70	16.00	60.00
14	.40	7.50	27.50	24	.90	21.00	78.00
16	.45	9.50	35.00	30	1.50	32.50	120.00
18	.50	10.50	38.00	36	2.50	57.50	198.00

**ANCHOR AND CROSS**

No. 13

In.	Each	25	100	In.	Each	25	100
12	\$0.20	\$4.25	\$15.00	21	\$0.40	\$8.50	\$30.00
15	.25	5.00	17.50	24	.50	10.00	36.00
18	.30	6.00	21.00				

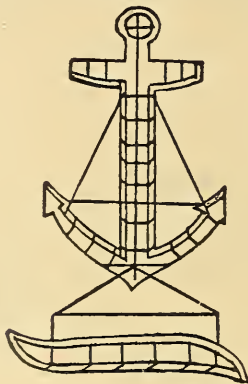
**ANCHOR AND CROSS STANDING**

Measure not including base.

In.	Each	25	100	In.	Each	25	100
12	\$0.40	\$7.50	\$27.50	21	\$0.55	\$13.00	\$48.00
15	.45	8.00	29.00	24	.70	16.00	60.00
18	.50	10.50	38.00				

**ANCHOR ON RECLINING STAND**

No. 2



In.	Each	25	100	In.	Each	25	100
12	\$0.45	\$10.00	\$35.00	20	\$0.65	\$15.00	\$55.00
14	.55	11.00	41.00	22	.85	18.75	70.00
16	.60	12.50	47.00	24	1.25	25.00	90.00
18	.65	14.00	53.00				

**CROSSES (FLAT) No. 47**

In.	Each	25	100	In.	Each	25	100
12	.13	2.75	9.50	20	.17	3.75	12.50
14	.14	3.00	10.00	22	.18	4.00	13.50
16	.15	3.25	10.50	24	.20	4.50	14.50
18	.16	3.50	11.50	26	.22	4.75	17.00
20	.17	3.75	12.50	28	.25	5.25	18.00
22	.18	4.00	13.50	30	.30	7.00	24.00
24	.20	4.50	14.50	32	.40	8.00	29.00
26	.22	4.75	17.00	34	.45	10.00	35.00

For moss, tinfoil, toothpicks and stem-  
ming wire, see page 40.**CROSSES ON STAND**

No. 75

In.	Each	25	In.	Each	25
10	\$0.25	\$5.00	22	\$0.55	\$12.00
12	.30	5.50	24	.65	13.50
14	.35	6.00	26	.75	15.00
16	.40	7.50	30	1.00	21.00
18	.45	9.00	36	1.50	30.00
20	.50	10.50			

**CROSSES, FLAT SLANTING**

In.	Each	25	In.	Each	25
12	\$0.15	\$2.75	22	\$0.40	\$5.50
14	.20	3.00	24	.45	6.00
16	.25	3.25	26	.50	7.50
18	.30	3.50	30	.55	8.50
20	.35	4.00	36	.65	12.50

**CASKET CROSSES**

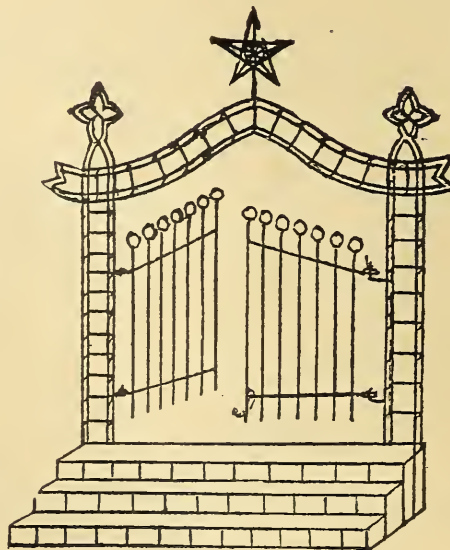
No. 71

In.	Each	25	In.	Each	25
12	\$0.20	\$3.00	24	\$0.40	\$7.50
14	.25	3.60	26	.45	8.50
16	.30	4.20	30	.50	9.00
18	.35	4.80	34	.60	12.00
20	.40	5.40	36	.65	13.50

**CROSS ON RECLINING STAND,  
WITH LETTERING FRAME**

No. 78

In.	Each	25	In.	Each	25
12	\$0.45	\$9.00	24	\$1.00	\$19.50
14	.50	10.50	26	1.25	22.50
16	.60	12.50	28	1.40	25.50
18	.75	13.50	30	1.75	33.50
20	1.00	15.00			

**GATES AJAR**

No. 113. Single Gates.

Whole Heights, Steps and Star, include  
measure.

15	inch high, 1 step.....	each	\$1.25
18	" " 1 " .....	"	1.30
21	" " 2 steps.....	"	1.45
24	" " 2 " .....	"	1.75
27	" " 2 " .....	"	2.00
30	" " 3 " .....	"	2.50
33	" " 3 " .....	"	3.00

**CRESCENT**

No. 58



In.	Each	25
8	\$0.15	\$2.50
10	.20	3.25
12	.25	3.75
14	.30	5.00
16	.35	6.00
18	.40	7.00
20	.45	7.50
22	.50	8.00
24	.55	10.00

**CRESCENT AND  
STAR ON  
STAND**

No. 61

In.	Each	25
10	\$0.55	\$10.00
12	.60	11.00
14	.65	12.50
16	.70	13.50
18	.85	17.50
20	1.25	25.00
22	1.50	27.50
24	1.75	30.00

**EASELS**

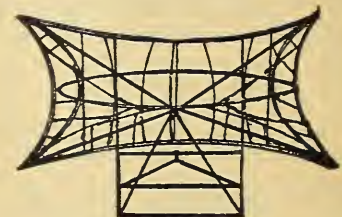
No. 92

A very pretty Stand for Designs.

In.	Each	25	In.	Each	25
15	\$0.15	\$2.50	27	\$0.25	\$4.50
18	.18	3.00	30	.30	6.00
21	.20	3.30	36	.45	9.00
24	.25	3.60			

**HORSESHOES No. 129**

In.	Each	25	In.	Each	25
12	\$0.25	\$4.50	24	\$0.65	\$13.50
14	.30	5.95	26	.80	16.50
16	.35	6.30	28	1.00	19.50
18	.40	7.50	30	1.25	22.50
20	.45	9.00	33	1.50	30.00
22	.50	10.50	36	1.75	37.50

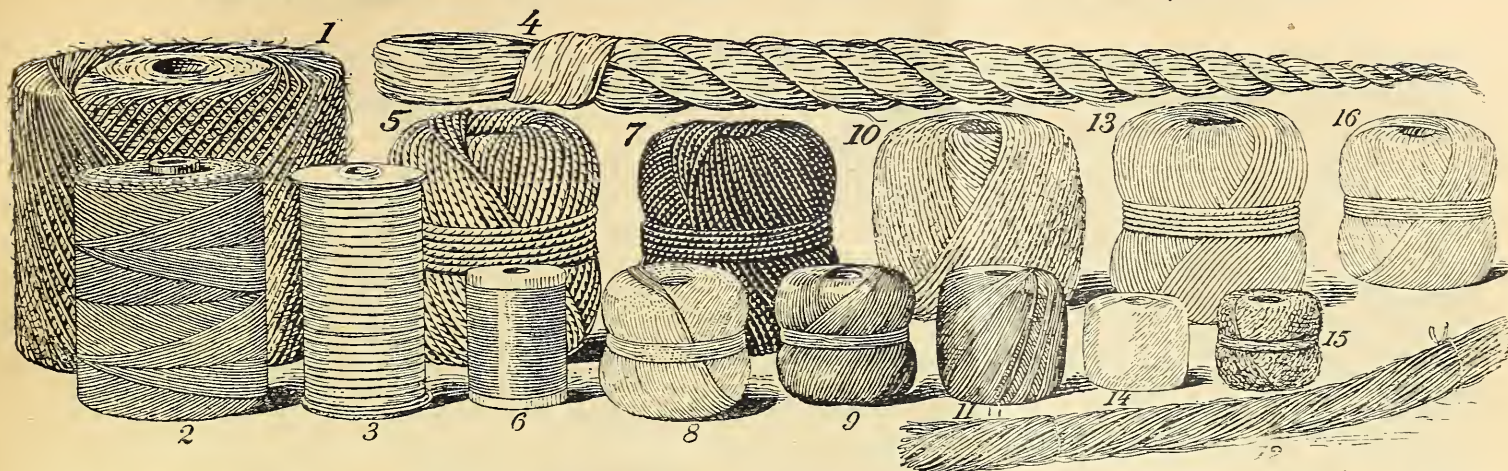
**PILLOWS—FLAT No. 169**

In.	Each	25	In.	Each	25
10	\$0.20	\$3.00	20	\$0.45	\$9.00
12	.25	4.00	22	.50	10.50
14	.30	4.75	24	.60	13.50
16	.35	6.25	26	.75	16.50
18	.40	7.75	28	1.00	19.50

**WREATHS No. 220**

In.	Each	25
8	\$0.10	\$2.00
10	.12	2.25
12	.15	2.75
14	.20	3.00
16	.25	3.25
18	.30	4.50
20	.35	5.50
22	.40	8.00
24	.45	9.00





Key to above illustrations: No. 1, Binder; No. 2, Peerless; No. 3, Raffiatape; No. 4, Raffia; No. 5, Express; No. 6, Silkaline; No. 7, Tarred Marlin; No. 8, Cayuga, medium; No. 9, Silkaline Substitute; No. 10, Jute; No. 11, Green Sea Island; No. 12, Tarred Sisal; No. 13, Japanese; No. 14, Special White Cotton; No. 15, Linen Bouquet; No. 16, Cayuga, heavy.

## TWINES, ETC.

Per Ball Per Lb.

No. 108. White Cayuga Twine. Medium.....	\$0.30	\$0.50
No. 208. White Cayuga Twine. Heavy.....	.30	.55
Jute, 2-ply and 3-ply. 5 lbs., \$1.20.....	.13	.25
Linen Bouquet, 3 lbs., \$2.25..	.10	.80
Green Sea Island, 5 lbs., \$2.90	.08	.60
Jefferson White Cotton, 3-ply	.08	.40
Tarred. For Mat making....	.28	
Tarred Sisal. For Fodder....		.15
Binder. (Bale lots, 19c. per lb.)		.20
No. 6. Express. Very heavy..	.22	
No. 4½. Japanese Twine. Medium heavy.....	.25	
Green Silkaline. For stringing Smilax and Asparagus. Fast color and will not fade; very strong and will not break. Price, F, fine; FF, medium; FFF, coarse, per spool, 30c.; \$2.25 per lb. (8 spools).		
Silkline Substitute. A green linen thread, very similar to Silkaline; fast color. Per spool, 20c.; \$1.25 per lb.; 5 lbs., \$5.75; \$11.00 per 10 lbs.		

## FLORISTS' SPECIAL PEERLESS TWINE

For tying up flower boxes, designs, etc. Very attractive. Color, Nile green; in 1-lb. spools, \$1.10; 5 lbs., \$5.25.

## HEADQUARTERS FOR RAFFIA

We make a careful selection of long, broad strands for our trade.

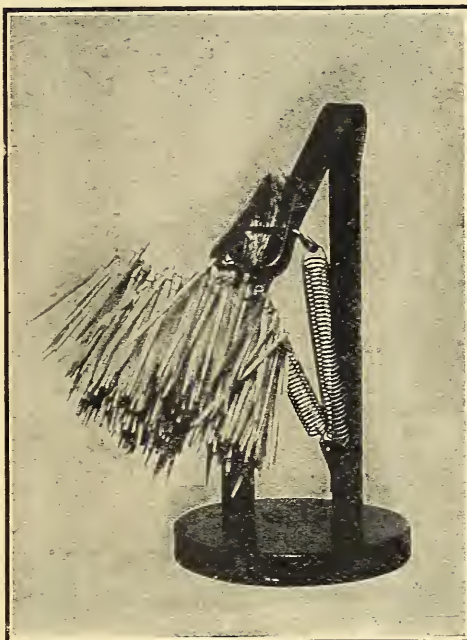
Natural Color. 20c. per lb.; 5 lbs. at 18c. per lb.; 10 lbs. at 16c. per lb.

Green Raffia. 85c. per lb.; 5 lbs. for \$4.00.

## RAFFIATAPE

This article is made of a composition of paper and linen, and is tremendously strong. It is about 1/8-in. wide, and is put up in 250-yd. spools or reels. There is no waste, as the reel permits it to be hung from a buttonhole, and it can be used as needed. Color, Nile green.

Per bolt of 250 yards, 90c.; 6 bolts, \$5.00.



Toothpick Holder

## WIRED TOOTHPICKS

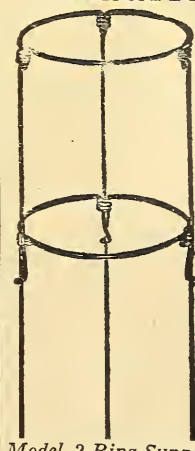
	Per 1,000	Per 10,000	Per 50,000
Regular Size.....	\$0.40	\$2.75	\$12.00
4 inch, dyed green, per box of 4,500,		\$3.00;	
\$6.00 for 10,000.			
6 inch, dyed green, per box of 3,000,		\$2.50;	
\$7.50 for 10,000.			

Plain Toothpicks, 10c. bx.; 6 bxs., 55c.

## WIRED TOOTHPICK HOLDER

A handy device for holding wired toothpicks. See illustration above. Price, \$2.50.

## CARNATION SUPPORTS



Model, 2-Ring Support

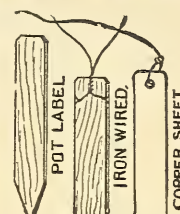
The Model here shown, is one of the most popular on the market. Can be put together in a minute and is always satisfactory; 24 in. high.

Richmond, double ring  
Doz. 100 1000  
\$1.00 \$6.00 \$55.00

Richmond, single ring  
Doz. 100 1000  
\$0.90 \$5.75 \$50.00

Model, 2-ring  
Doz. 100 1000  
\$0.85 \$5.75 \$50.00

Model, 3-ring  
Doz. 100 1000  
\$1.00 \$6.25 \$57.50



## WOOD TREE LABELS, ETC.

Parcel Post Weight on Tree Labels, 1/2 lb. per 100.

Iron Wired. 100 1000  
Plain...\$0.20 \$1.55

Iron Wired.  
Painted... .25 1.95

Copper Wired. Plain..... .25 1.95

Copper Wired. Painted..... .35 2.45

Copper Sheet, wired, 25c. doz.; 1.50

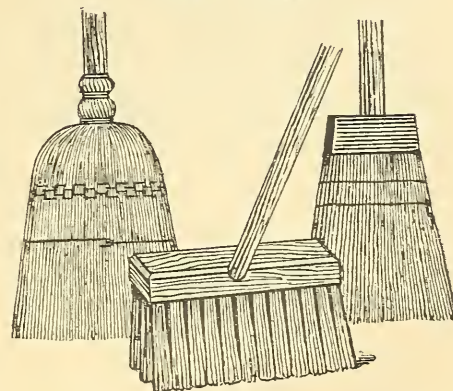
Zinc Sheet, wired, 25c. doz.; 1.50

Indelible Marking Pencils, each.. .15

## PAINTED POT LABELS

No. in pkg.	P.P.Wt.	100	1000
4 inch...1000...	1/2 lb.	\$0.20	\$1.55
4½ " ..1000...	1/2 "	.25	1.85
5 " ..1000...	1/2 "	.30	2.05
6 " ..1000...	3/4 "	.35	2.50
8 " ..250...	2 "	.95	7.40
10 " ..250...	2½ "	1.20	9.60
12 " ..100...	3 "	1.40	11.40
18 " for field use.....		3.25	30.00

## BROOMS



No. 230. Japanese Fibre (see cut)...	\$0.80
No. 8. Corn and Rattan mixed....	.75
Golf Greens (Birch).....	.25
No. 7. Plain corn, extra quality (see cut).....	.75

## ROAD BRUSHES

(With Handles)

No. 271. Rattan Push, 14 in. (see cut)...	\$1.25
No. 0286. Bass or Cocoa Push, 14 in...	1.25

## APHIS PUNK

For Fumigating in Greenhouse  
For aphids, thrip, white and green fly, red spider, etc., see page 90.



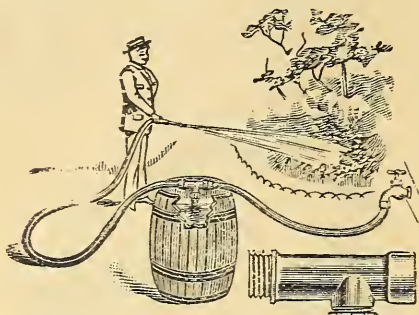
# MICHELL'S SUNDRIES FOR FLORISTS



*The Misto Sprayer*

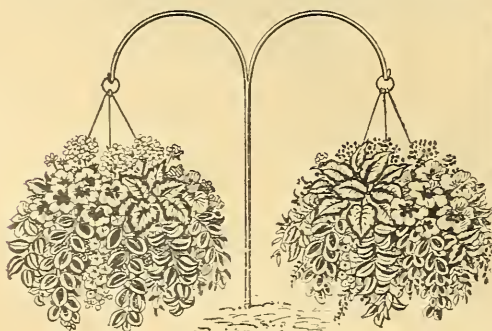
## THE MISTO SPRAYER

The greatest invention ever offered for applying water to cut flowers, funeral and other design work; makes a wonderfully fine mist, avoiding all drip; so simple in design it will last forever; nothing to get out of order; made of metal, nicely nicked; can be used in connection with most any ordinary bottle. Guaranteed in every respect or money back. Price, without bottle, \$1.00 each; 6 for \$5.00.



## LIQUID MANURE DISTRIBUTOR

This can be attached to hose with which you are watering and, connected with a barrel of liquid manure, the suction of water will draw a quantity of manure with it. Price, \$2.50 each. (P. P. Wt., 2 lbs.)



## BASKET HOOKS

Thoroughly galvanized so they cannot rust. Single,  $\frac{1}{16}$ -in. thick.....\$0.85 Double,  $\frac{1}{16}$ -in. thick.....1.25 These cannot be mailed.

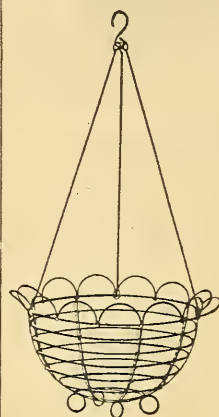
## WIRE BASKETS

Complete with Hanger.

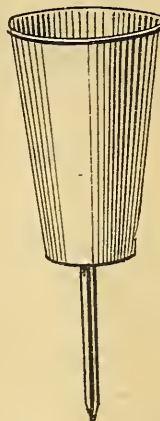
These are extra well made and will last many years; they will often suggest a sale, if filled, that is otherwise not made.

	Each	Doz.	100
8 inch.....	\$0.25	\$2.40	\$17.00
10 ".....	.35	3.50	25.00
12 ".....	.55	5.50	40.00
14 ".....	.65	6.75	50.00
16 ".....	.75	8.25	62.50

Six Wire Hanging Baskets of a size at dozen rate; 50 at 100 rate.



*Wire Basket*



*Tin Enameled Vase*

## VASES

For holding cut flowers on cemetery lots, etc.

### IRON, PAINTED GREEN

No.	Wt.	Each	Doz.
3 Large.....	4 lb.	\$0.60	\$6.50
2 Medium.....	2 lb.	.50	5.50
1 Small.....	2 lb.	.40	4.50

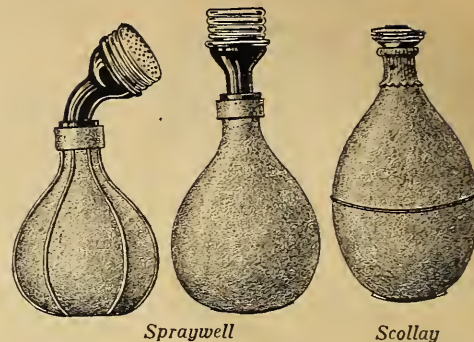
### IRON, GALVANIZED

6 Large.....	4 lb.	.75	8.75
5 Med.....	2 lb.	.70	8.00
4 Small.....	2 lb.	.45	5.00

### TIN, ENAMELED

Color, rich green; will not burst in cold weather.

No.	Wt.	Each	Doz.
2 Large.....	$\frac{1}{2}$ lb.	\$0.25	\$2.50



*Spraywell*

*Scolloy*

## RUBBER SPRINKLERS

For sprinkling cut flowers, seedlings, etc. Either Straight or Crook Neck.

Spraywell Style—	6 ozs. capacity...	\$0.75
"	8 ozs. capacity...	.85
"	10 ozs. capacity...	1.10
No. 1 Scolloy—	10 ozs. capacity....	1.35



*Old Design*

## WEDGEWOOD JARDINIERS

These are made of very heavy cardboard that will not buckle or lose its shape, in attractive designs to accommodate the size pots in which plants are usually sold in retail stores; waterproof and durable; decorated in many designs and printed in several wedgewood colors.

### OLD DESIGNS

	Doz.	100
4 inch.....	\$1.00	\$7.50
5 ".....	1.50	11.00
6 ".....	1.75	13.50



*New Design*

### NEW DESIGNS

An entirely new line which is unusually attractive.

	Doz.	100
4 inch.....	\$2.00	\$13.12
5 ".....	3.00	22.08
6 ".....	4.25	29.23
7 ".....	5.00	36.10
8 ".....	6.00	42.50



# WEDGEWOOD JARDINIERES

Increase Sales and Profits. Are Waterproof, Durable, Attractive



*New Designs*

These are made of very heavy cardboard that will not buckle or lose its shape, in attractive designs to accommodate the size pots in which plants are usually sold in retail stores.

The inventors of these have designed an entirely new line which is unusually attractive.

If you can get \$2.00 for a plant in the earthen pot, it will command from 50 cents to 75 cents (at least) more if in a Wedgewood Jardiniere; besides these attractive pot coverings brighten up the store and invite customers to make inspection. They are offered below in old and new designs. Samples mailed free to prospective buyers.



*Old Designs*

## WEDGEWOOD JARDINIERES (Old Designs)

	Doz.	100
4 inch . . . . .	\$1.00	\$ 7.50
5 inch . . . . .	1.50	11.00
6 inch . . . . .	1.75	13.50

## WEDGEWOOD JARDINIERES (New Designs)

	Doz.	100
4 inch . . . . .	\$2.00	\$13.12
5 inch . . . . .	3.00	22.08
6 inch . . . . .	4.25	29.23
7 inch . . . . .	5.00	36.10
8 inch . . . . .	6.00	42.50

The above prices are for the florist trade.

**HENRY F. MICHELL COMPANY**  
518-516 Market Street Philadelphia, Pa.



# It Must Make Good—Or Be Returned

## No. 1 MYSTO COMPRESSED AIR SPRAYER

### For Greenhouse Work Especially



This remarkable Sprayer is so simple in construction that there is practically nothing that can get out of order. It is new in the American market and is so perfect in operation that anything in praise we would write about it would not do justice.

It possesses every advantage of a compressed air sprayer without any of their annoying features. It is far superior to the ordinary knapsack sprayer. It looks and is built as though it would last a life time.

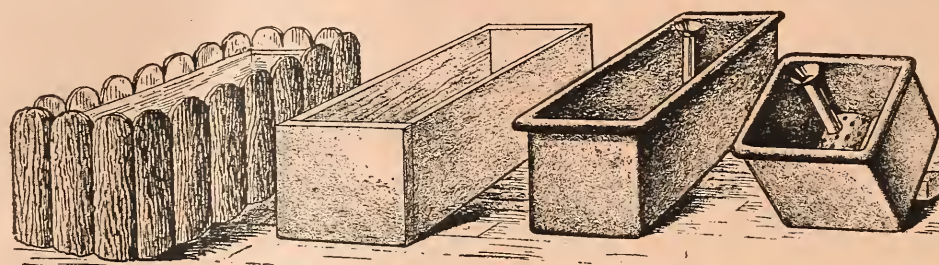
#### It is sold on the following terms:

You order it and we ship it—after you have used it for a week and do not feel it is the best investment you ever made in the line of a Sprayer—box it up, return it, and we will pay transportation both ways—refund your money if the transaction is paid—or credit your account if charged.

We would not dare do this if we were not pop-sure what this Sprayer will do.

Made of copper—capacity about 5 gallons, complete directions for operating with each Sprayer.

Price to Florists and Market Gardeners \$22.50.



Rustic Window Box

Plain Window Box

Savo Window Box

Savo Plant Tub

## WINDOW BOXES

### Savo Self-Watering

The Savo Flower and Plant Boxes are made of the best grade of galvanized steel, with neat round corners and a full roll rim, the watering is easy, the drainage ample, the air circulation perfect. The green enamel finish both inside and out prevents rust or leakage. They will last in constant use many years. Reservoir requires water about every 10 days to two weeks.

	Height	Width	Length	Price
Model A.....	6½ in.	6½ in.	23 in.	\$2.85
Model B.....	8 in.	9½ in.	29 in.	3.25
Model C.....	8 in.	9½ in.	35 in.	3.75
Model D.....	8 in.	9½ in.	41 in.	4.00
Model E.....	8 in.	12 in.	12 in.	2.85
Model F.....	12 in.	12 in.	12 in.	3.25

These are outside measurements, including the ¾-inch roll rim. Special sizes made to order when required.

## THE SAVO

### Self-Watering Plant Tub

Model E—12 x 12 in. x 8 in. deep.....	\$2.85
Model F—12 x 12 in. x 12 in. deep.....	3.25

## WINDOW BOXES

**Wooden Rustic Bark Style.** Attractively made and neatly finished; for indoor or outdoor use.

Length	Depth outside	Width outside	Price
24-inch.....	7½-inch	11-inch	\$1.75
30-inch.....	7½-inch	11-inch	2.00
36-inch.....	7½-inch	11-inch	2.50

Any length made to order, \$1.00 per running foot 11 inches wide.

**Plain Wood Style (Painted Green).** We recommend these for use at the temporary summer home in the country or at the seashore, or in cases where one may not feel like spending a larger cost than these entail. They are substantially made and finished and will last many years.

Length	Depth outside	Width outside	Price
24-inch.....	6½-inch	8-inch	\$1.40
30-inch.....	6½-inch	8-inch	1.60
36-inch.....	6½-inch	8-inch	1.85

Any length made to order, 70c. per running foot, 8 inches wide.

## RUSTIC BARK (Cedar)

For covering boxes, columns, window and porch boxes, or any other article. Per bundle of about 150 square feet, \$3.50.



## THE KIRKE SYSTEM

Of Applying Insecticides, Fungicides, Fertilizers and Salt to Plants



Showing how the Kirks Fertilizer and Insecticide Cartridge Holder is attached to Spigot.

This system consists of a nickel plated receptacle called the cartridge holder. This is equipped with a reservoir into which can be put a cartridge of insecticide and fungicide, or one of fertilizer as the occasion requires. The cartridge holder may be attached to the end of the hose followed by the nozzle or it may be attached directly to the spigot and followed by the hose. The cartridges are highly concentrated and only a small amount is required to show results. As the water passes through the cartridge holder into which a fertilizer or insecticide cartridge has been placed the requisite amount of either material placed therein is carried through by the water pressure and applied to plants.

Nickel Cartridge Holder ready to attach to any 3/4-inch hose, \$3.00.

	Each	Doz.
Fertilizer Cartridges.....	\$0.20	\$2.00
Arsenate of Lead Cartridges.....	.50	5.75
Bordeaux Mixture Cartridges.....	.35	3.75
Tobacco Cartridges. For greenhouse use.....	.35	3.75
Salt Cartridges. For spraying carnations, etc., for red spider, etc.....	.15	1.25
Angle Worm Cartridges.....	.75	8.50

## PUTTY DISTRIBUTOR

The best appliance for distributing putty. Each, \$1.35. Parcel post wt., 1 lb.



Mastica Machine



Putty Distributor

## MASTICA

Mastica is a prepared putty, which retains its soft qualities for a long while, making it possible to replace broken lights of glass readily.

Per gal., \$2.50; 5 gals. for \$12.25.

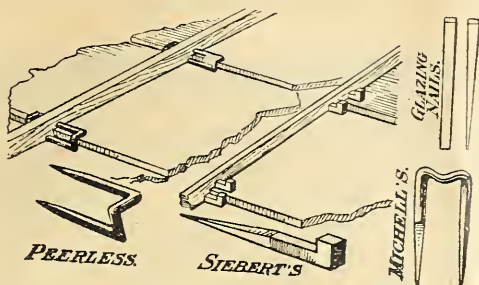
Mastica Machine. Each, \$2.75.

## TWEMLOW'S PUTTY

Superior to ordinary putty; more easily applied and lasting. Can be put on with a putty bulb or mastica machine.

1 gallon.....	\$2.50
5 gallon kit.....	12.25
10 gallon kit.....	24.00

We offer a complete line of Spraying Apparatus on pages 80 and 81.



## GLAZING POINTS

Michell's. Carefully made; thoroughly galvanized; can be used on right or left side of sash bar. No. 2 for single-thick glass; No. 2 1/2 for double-thick glass; 55c. per 1000; 5000 for \$2.50.

Peerless Glazing Points. Quite similar to the Michell point. Nos. 1 and 2 for single-thick glass, No. 2 1/2 for double-thick glass; 60c. per 1000; 5000 for \$2.75. If Michell and Peerless Points are wanted by mail, add 10c. per 1000 for postage.

Pincers. For driving Michell and Peerless Points, 50c. per pair.

Siebert's Style Points (Zinc). Three sizes, 5/8, 3/4 and 7/8 inch, 50c. per lb.; 5 lbs., \$2.40; \$4.50 per 10 lbs.

Zinc Nails, 5/8, 3/4 and 7/8 inch, 45c. per lb.; 5 lbs., \$2.15. If desired by mail, allow for postage.



## GLASS CUTTERS

No. 8. Small Diamond (Ebony Handle).....	\$4.00
No. 8A. Large Diamond (Mahogany Handle).....	5.25
Single Wheel; Steel (Doz., \$2.00)....	.20
6-Wheel, Adjustable.....	.45



Made of zinc, will not rust. Will save lights of glass worth from 20 cents to 30 cents each. Price, \$1.50 per 100.

## PERMANITE CEMENT (BLACK)

For waterproofing greenhouse gutters, roofs, etc.; gives splendid satisfaction; also for making sash bars watertight. Apply with a mastica machine, or "Permanite" Gun.

1 gal.....	\$2.50	5 gals.....	\$11.25
Special price f. o. b. factory.			
Permanite Gun.....	\$6.50		

## HAMMOND'S GREENHOUSE WHITE PAINT

Undoubtedly the best and most economical white paint on the market today. Per gal., \$3.75; \$18.00 per 5 gal. kit.

Our Garden Tool and Sundries department we believe to be the most fully equipped of any seed store in the United States.

## DAYLITE GLASS CLEANER

For taking off white-wash shading, etc. Is the most powerful cleaner on the market. Apply with a brush, leave on a few minutes and rinse off with cold water.

One gallon will clean about 400 to 600 square feet of glass. Price, 1 gal., \$2.25; \$9.00 per 5 gals.



## FLORISTS' SUNDRIES

Bull Dog Clips for fastening packages, boxes, etc.; 85c. per box of 1000.

	Peck	Bu.	Bbl.
Charcoal (Lump).....	\$0.50	\$1.75	\$2.50
Cocoon Fibre.....	.50	1.75	
Leaf Mould.....	.40	1.25	2.75
Moss. All kinds. See page 82.			
Pebbles (qt., 8c.).....	.50	1.75	3.75
Peat.....	.40	1.25	2.75
Peat, Orchid.....	.60	1.50	2.75
Sand. For propagating.....	.35	1.25	3.00
Soil. Prepared potting.....	.35	1.30	3.25
Celery Tape (Red only). 1000 yds.,	\$4.00.		
Carnation Dye (Green). \$1.00 per pkg.			
Grafting Wax. 1/4 lb., 12c.; 20c. 1/2 lb.; lb., 35c.; \$1.60 per 5 lbs.			
Shaderine. 5 lbs. for \$1.35; 10 lbs., \$2.25.			
Weed Killer (Dilutes 1 gal. to 40 gallons of water). 50c. qt.; 1/2 gal., 80c.; \$1.25 gal.; 5 gals., \$5.75; \$11.00 per 10 gals.; 30 gals., \$27.00; \$42.50 per 50 gals.			
Pruning Compound. Qt., 75c.; \$2.25 per gal.			
Tree Paint. Per qt., 75c.; \$2.25 per gal.			
Zementine. For whitewashing and shading glass. 2 lbs., 35c.; \$1.65 for 10 lbs.			
Zinco (Soot Destroyer). For boilers; lengthens their life. 50c. per package. Ask for special circular.			

# WIZARD BRAND

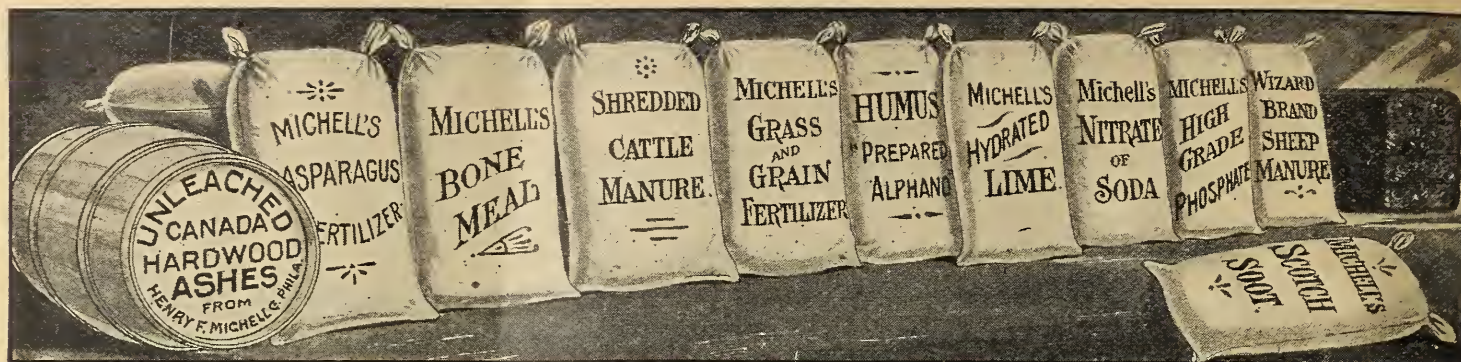
## SHEEP MANURE

New, fresh stock, dried and sterilized by high temperature direct heat process that always makes a bone dry, uniformly pulverized product—weed seed, fungus and disease germs destroyed—highly concentrated; always safe and reliable. See 4th cover page for prices.



# MICHELL'S HIGH GRADE FERTILIZERS

PLEASE NOTE.—No smaller quantity of Fertilizer than here offered can be supplied.

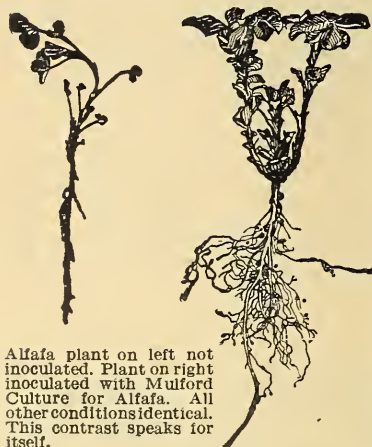


**Acid or Rock Phosphate.** (14%.) Apply 1,000 lbs. per acre. Used for mixing with other fertilizers to increase the phosphoric acid analysis. \$2.75 per 200 lbs.; 1,000 lbs., \$11.00; \$21.00 per ton.

**Alphano Inoculant.** A soil bacteria used in growing legumes. It comes in a finely powdered form, making it easy to use. 1-acre size (2 lbs.), 90c.; per 10-acre size, \$7.25.

**Ashes, Hard Wood.** Apply 1,000 lbs. per acre. Indispensable for all crops requiring potash; excellent for mixing with potting soil. For top dressing lawns and grass fields it is applied to best advantage either in very early spring or late fall. Per 25 lbs., 75c.; \$1.35 per 50 lbs.; 100 lbs., \$2.25; \$4.00 per 200-lb. bbl.; 1,000 lbs., \$17.00; per ton, \$32.00

**Asparagus Fertilizer.** A mixture that promotes the root and top growth. Apply 800 lbs. per acre. In 200-lb. sacks only. 200 lbs., \$4.50; \$21.00 per 1,000 lbs.; per ton, \$40.00.



Alfalfa plant on left not inoculated. Plant on right inoculated with Mulford Culture for Alfalfa. All other conditions identical. This contrast speaks for itself.

## Bacteria, Mulford Culture.

For inoculating clovers and other legumes, such as beans, peas and such other plants that have blossoms similar in shape and form to the above named. The application of bacteria to the seed of these legumes when planting practically trebles the nitrogen gathering powers and for this reason we urge all planters to use it. 35c. per trial bottle; ¼-acre size, 75c.; \$1.50 per acre size; 5 acre size, \$5.00.

## Bacteria, Standard Inoculating.

For all legumes. Increases the yield; enriches the soil; hastens maturity; improves feeding value. Grown direct from nodules, and sent out from the second generation; the preparation of these cultures insures the highest possible virility and therefore positive inoculation and an abundance of nodules. The Standard Inoculating Bacteria is put up in amber colored bottles with glass air tubes and cotton filters. Always specify on your order what crop you want to inoculate, as there is a different strain of bacteria for each legume.

Price, Garden size, 50c.; 75c. per one acre size.

**Bacteria, Farmogerm.** Seeds of all legumes, beans, peas, clover, alfalfa and related crops, will produce far better if inoculated with bacteria. Because of the method of sealing the bottle, a patented stopper which admits filtered air and keeps out all impurities—Farmogerm retains its good qualities for a long time. A different culture is required for each crop; be sure to state what crops you wish to inoculate. Price, 1 acre size, \$1.00; 3 acre size, \$2.50; 12 acre size, \$9.00. Special size culture for peas, beans and sweet peas, ¼ acre size only, 50c.

## ALL PRICES ON FERTILIZERS SUBJECT TO MARKET CHANGES

**Blood (Dried).** For indoor culture of flowering plants, like roses, carnations, etc., its chief element being nitrogen. One of the quickest acting fertilizers. 5 lbs., 35c.; 60c. per 10 lbs.; 25 lbs., \$1.25; \$2.25 per 50 lbs.; 100 lbs., \$4.25; \$8.00 per 200 lbs.; \$39.00 per 1,000 lbs.; ton, \$75.00.

**Bon Arbor.** A concentrated chemical fertilizer to be used in liquid or powder form, according to directions on package. Dilute 1 lb. to 30 gals. water. Per lb., 55c.; \$2.25 per 5 lbs.

**Bone Flour.** Finely pulverized and bolted. Effective immediately. For rose growing this cannot be excelled. Rich in phosphoric acid and ammonia. 25 lbs., \$1.25; \$2.25 per 50 lbs.; 100 lbs., \$4.00; \$7.50 per 200 lbs.; 1,000 lbs., \$35.00; \$65.00 per ton.

**Bone Meal (Michell's Special Florist's Brand).** Apply 800 to 1,000 lbs. per acre. Made from pure raw bone, without any addition of materials. The ideal bone for rose beds and greenhouse use. 3 lbs., 20c.; 30c. for 5 lbs.; 10 lbs., 55c.; \$1.25 per 25 lbs.; 50 lbs., \$2.25; \$3.50 per 100 lbs.; 200 lbs., \$6.00; \$26.00 per 1,000 lbs.; ton, \$50.00.

**Chrysanthemum Manure (Thompson's Special).** Especially recommended and used by the leading gardeners of England and America. Especially suitable for top-dressing for chrysanthemums and similar plants. Can be used in liquid or dry form. Per 28-lb. sack, \$3.50; \$6.25 per 56-lb. sack.

**Climax Lawn Sand.** (See Lawn Sand.)

**Clay's Fertilizer.** An English chemical fertilizer for forcing greenhouse plants and vegetables. It can be used in either dry or liquid form. 28 lbs., \$3.50; \$6.00 for 56 lbs.; 112 lbs., \$11.00.

**Cotton Seed Meal.** Apply 800 lbs. per acre. Exceedingly rich in potash and ammonia; excellent as a grass and grain fertilizer. 5 lbs., 30c.; 50c. per 10 lbs.; 25 lbs., 90c.; \$1.65 per 50 lbs.; 100 lbs., \$3.00; \$28.50 per 1,000 lbs.; ton, \$55.00.

**Cow or Cattle Manure (Pulverized).** Thoroughly sterilized and weedless. Quick in action and especially desirable for pot plants, etc. In 100-lb. bags f. o. b. Philadelphia, \$3.25 per 100 lbs.; 500 lbs., \$15.00; \$26.50 per 1,000 lbs.; ton, \$50.00.

**Cow or Cattle Manure (Shredded).** One sack of this is equal to one cartload of fresh cow manure. Especially suited for soil mixing, mulching and liquid manuring. F. o. b. Philadelphia. 100 lbs., \$3.25; \$15.00 per 500 lbs.; 1,000 lbs., \$26.50; \$50.00 per ton. F. o. b. Chicago, 100 lbs., \$2.50; \$9.50 per 500 lbs.; 1,000 lbs., \$16.00; \$30.00 per ton.

**Grass and Grain Fertilizer (Michell's).** For top dressing wheat, rye, pasture lands and clover fields; apply 600 to 800 lbs. per acre. No less than 200 lbs. can be supplied. \$4.00 per 200-lb. sack; 1,000 lbs., \$20.00; \$37.50 per ton.

**Hog Manure (Pulverized).** Splendid for forcing vegetables and flowering plants, increasing size and yield. Put up and sold in 100-lb. bags only. Per 100 lbs., \$3.50; \$15.50 per 500 lbs.

**Horse Manure.** (See Manure.)



# MICHELL'S HIGH GRADE FERTILIZERS

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PLEASE NOTE—No smaller quantity of Fertilizer than here offered can be supplied.

ALL PRICES ON FERTILIZERS SUBJECT TO MARKET CHANGES

**Horn Shavings.** Used principally for mixing in potting soil; rich in ammonia; especially valuable in chrysanthemum growing. 5 lbs., 50c.; 90c. per 10 lbs.; 25 lbs., \$1.75; \$3.25 per 50 lbs.; 100 lbs., \$6.00; \$11.00 per 200 lbs.

**Humus (Alphano)** Prepared. An excellent article to incorporate with poor soil in the garden or greenhouse, especially desirable for mixing with potting soil. 5 lbs., 25c.; 40c. for 10 lbs.; 25 lbs., 75c.; \$2.50 per 100 lbs.; 500 lbs., \$11.25; \$17.00 per 1,000 lbs.; ton, \$30.00. (Special price f. o. b. factory.)

**Kainit (Potash Salts).** Apply 800 to 1,000 lbs. per acre. Excellent for potatoes, corn and other grains. Price upon application.

**Land Plaster.** Apply about 1,500 to 2,000 lbs. per acre. For top dressing sour and worn out soils, also for mixing with Paris Green. Per 25 lbs., 60c.; \$1.00 per 50 lbs.; 100 lbs., \$1.75; \$3.25 per 200 lbs.; per ½ ton, \$14.50; per ton, \$27.50.

**Lawn Sand (Climax).** A weed destroyer as well as a fertilizer, containing a large percentage of nitrogen. Will be found very valuable for lawn use. For best results follow the directions on the package. 3½-lb. tin, 65c.; \$1.25 for 7 lbs.; 14 lbs., \$2.25; \$3.75 per 28 lbs.; 56 lbs., \$6.00; \$11.50 per 112-lbs.

**Limestone (Pulverized).** For applying to sour and worn out soils at the rate of 1 ton per acre. Per 100-lb. bag, \$1.25; \$5.25 per 500 lbs.; 1,000 lbs., \$8.50; \$15.00 per ton.

**Lime (Hydrated or Powdered).** For mixing with earth or other purposes where a soil sweetener is needed. 125-lb. sack, \$1.90; \$6.75 per 500 lbs.; 1,000 lbs., \$12.00; \$22.00 per ton.

**Limoid.** Made from pure lump lime thoroughly hydrated. 10-lb. package, 40c.

**Manure.** At short notice we can usually supply first-class horse, cow and stock-yard manure in carload lots only. Prices quoted on request.

**Muriate of Potash.** Apply 100 to 150 lbs. per acre, usually with other fertilizers. This must be used with great care, as it is very powerful. Excellent for potatoes, corn, grains, etc. Analysis equal to 50% actual potash. 5 lbs., 55c.; 90c. per 10 lbs.; 25 lbs., \$1.75; \$3.00 per 50 lbs.; 100 lbs., \$5.50; \$10.00 per 200 lbs.

**Nitrate of Soda.** Apply 100 to 150 lbs. per acre, mixing with land plaster or other fertilizers to render application more easy. Use only after plants are above ground. If used in liquid form dilute 2 oz. to 1 gal. of water and do not apply oftener than twice a week. 5 lbs., 35c.; 65c. per 10 lbs.; 25 lbs., \$1.25; \$2.25 per 50 lbs.; 100 lbs., \$4.25; \$8.25 per 200 lbs.; 1,000 lbs., \$40.00; \$75.00 per ton.

**Phosphate, Michell's High-Grade.** For all vegetable crops; grains, grass, etc. Apply 800 to 1,000 lbs. per acre broadcast. 5 lbs., 25c.; 35c. per 10 lbs.; 25 lbs., \$1.00; \$1.50 per 50 lbs.; 100 lbs., \$2.50; \$4.75 per 200 lbs.; ½ ton, \$22.00; \$40.00 per ton.

**Phosphate for Corn (Michell's).** This is supplied in 200-lb. sacks only, no smaller quantity sold. \$4.00 per 200-lb. sack; per 1,000 lbs., \$19.00; \$35.00 per ton.

**Plant Food (Michell's).** A highly concentrated chemical fertilizer for house, garden or conservatory. Clean, odorless, and producing early and abundant blossoms of rich and brilliant color, and healthy, luxuriant plants. Analysis: Nitrogen, 2½%; available phosphoric acid, 7%; potash 2%. 6 oz. pkgs., \$1.25 per doz. pkgs.; 100 pkgs., \$9.00; 12 oz. pkgs., doz., \$2.25; \$17.50 per 100; 50 at the 100 rate.



**Plant Life (Zenke's).** A liquid plant food, tonic and fertilizer. It contains in concentrated form the elements of plant food in proper proportion for absorption by the plant. Per 8 oz., 20c.; (per doz. cans, \$2.00) \$3.00 per gal.

**Potato Fertilizer (Michell's).** Apply 800 to 1,000 lbs. per acre. The principal fertilizer for potatoes in this section, being especially compounded for this purpose. 25 lbs., \$1.00; \$1.50 per 50 lbs.; 100 lbs., \$2.50; \$4.75 per 200 lbs.; ½ ton, \$22.00, \$40.00 per ton.

**Poultry Manure (Pulverized).** An excellent plant food for flowers, vegetables, fruits, lawns, etc.; rich in nitrogen, phosphoric acid and potash. F. o. b., Philadelphia. 100 lbs., \$3.00; \$14.50 per 500 lbs.; 1,000 lbs., \$28.00; \$52.50 per ton. F. o. b., Buffalo. 100 lbs., \$2.75; \$13.00 per 500 lbs.; 1,000 lbs., \$25.00; \$47.50 per ton. F. o. b. Chicago. 100 lbs., \$2.75; \$13.00 per 500 lbs.; 1,000 lbs., \$25.00; \$47.50 per ton.

**Poudrette (Native Guano).** Apply 1,000 lbs. per acre. Extensively used for gardens, lawns, in making compost and in fact wherever a good, quick-acting fertilizer is wanted. 25 lbs., 75c.; \$2.00 per 100 lbs.; 200 lbs., \$3.75; \$16.50 per ½ ton; ton, \$32.00.

**Salt.** For agricultural purposes, asparagus beds and putting on walks and roads to kill weeds. Apply 800 lbs. per acre. 100 lbs., \$1.50; \$2.75 per 200 lbs.; 1,000 lbs., \$12.00; \$22.00 per ton.

**Sheep Manure (Wizard Brand).** Apply 1,000 lbs. per acre. For garden, lawn or greenhouse use, nothing surpasses sheep manure; it is clean and easily handled, besides giving immediate results. Prices, f. o. b. Philadelphia. 20c. per 2 lbs.; 5 lbs., 35c.; 60c. per 10 lbs.; 25 lbs., 90c.; \$1.70 per 50 lbs.; 100 lbs., \$3.25; \$15.00 per 500 lbs.; 1,000 lbs., \$26.50; \$50.00 per ton.

**Sheep Manure (Wizard Brand).** F. o. b. Chicago. For our western and southwestern customers shipment can be made from Chicago at considerable saving in freight charges. 100 lbs., \$2.50; \$10.00 per 500 lbs.; 1,000 lbs., \$17.00; \$32.00 per ton.

**Soot (Imported Scotch).** This is used principally for bringing a good healthy color into the foliage of chrysanthemum and other greenhouse plants. Also destroys insects and grubs that work on top of and underneath the surface. 5 lbs., 60c.; \$1.00 per 10 lbs.; 25 lbs., \$1.75; \$6.50 per 112 lbs.; 560 lbs., \$30.00.

**Stim-U-Plant.** A plant food in tablet form; contains highly concentrated, immediately available forms of plant food for use in stimulating all fruit, flower, vegetable and ornamental plants, and may be used in tablet or in liquid form. Per pkg. of 30 tablets 25c.; 75c. per pkg. of 100 tablets; 1,000 tablets, \$3.50.

**Sulphate of Ammonia.** Apply 75 to 100 lbs. per acre only with other fertilizers deficient in nitrogen. This material will stimulate growth almost immediately. Analysis: equal to 25% of ammonia. Price upon application.

**Sulphate of Ammonia (Arcadian).** A concentrated nitrogenous top-dressing fertilizer; entirely soluble and immediate in its action. Analysis: 25¼% ammonia or 20¾% nitrogen. Price upon application.

**Sulphate of Potash.** Apply 100 to 125 lbs. per acre, usually with other fertilizers. On account of its great strength it must be used judiciously. Valuable for root and grain crops. Analysis equal to 50% of actual potash. Price upon application.

**Tankage.** This is usually applied to plants such as roses, etc., under glass. It is similar to dried blood. 5 lbs., 30c.; 50c. per 10 lbs.; 25 lbs., \$1.00; \$1.75 per 50 lbs.; 100 lbs., \$3.00; \$5.00 per 200 lbs.; 1,000 lbs., \$23.50; \$45.00 per ton.

**Thomson's Special Flower, Vegetable and Vine Manure.** Imported from England; this excellent chemical fertilizer is a reliable food and stimulant for every fruit-bearing plant, also for foliage and flowering plants and vegetables of all descriptions. 28 lb. bags, \$2.75; \$5.00 per 56 lbs.; 112 lbs., \$8.50.

**Tobacco Stems.** For fumigating, mulching and fertilizing. Bu., 60c.; \$1.25 per bbl. sack; in large bales at 2c. per lb.; ½ ton, \$11.00; \$20.00 per ton.

**Wheat Fertilizer.** For grass and grain crops. Apply 800 lbs. per acre. In 200-lb. bags only. \$4.50 per 200 lbs.; 1,000 lbs., \$21.00; \$40.00 per ton.

**Wood Ashes.** See ashes at top of opposite page.

ALL PRICES SUBJECT TO MARKET CHANGES

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# MICHELL'S INSECT DESTROYERS

Directions for using any of the following will be found on each package. It is unlawful to send poisons by Parcel Post.



**Ant Exterminator (Magic).** A powder that is used for distributing around buildings, on greenhouse benches, on lawns, gardens, and any other places infested by ants. Per  $\frac{1}{4}$  lb., 25c.; 45c. per  $\frac{1}{2}$  lb.; lb., 70c.; \$3.00 per 5 lbs.

**Aphine.** For destroying aphids, green fly, thrip, red spider and other greenhouse and outdoor insects. It dilutes readily in water about 1 part to 40 of the latter.  $\frac{1}{4}$  pt., 25c.; 40c. per  $\frac{1}{2}$  pt.; pt., 65c.; \$1.00 per qt.; per gal., \$3.00.

**Aphis Punk.** A paper that has been thoroughly saturated with nicotine for controlling green and black fly and many other forms of insects. Used for fumigating, giving off dense fumes of nicotine. Contains none of the ammonia which causes injury to delicate plants. It is especially recommended for destroying many insects injurious to roses, chrysanthemums, sweet peas, smilax and ferns. (For use in greenhouses only.) Per pkg., of 12 sheets, 90c.; \$9.50 per case of 12 pkgs.

**Arsenate of Lead (Paste).** For spraying trees and shrubs against the attacks of leaf-biting insects of all kinds, especially valuable for spraying to prevent the codling moth; dilutes 1 lb. to 25 gals. water. Per lb., 35c.; \$1.50 per 5 lbs.; 10 lbs., \$2.50; \$5.00 per 25 lbs.; 50 lbs., \$8.00; \$14.00 per 100 lbs.

**Arsenate of Lead (Powdered).** 1 lb. to  $1\frac{1}{2}$  lbs. dilutes to 50 gals. of water, or may be used dry, like Paris Green. Per lb., 50c.; \$2.00 per 5 lbs.; 10 lbs., \$3.50; \$7.00 per 25 lbs.; 50 lbs., \$12.50; \$24.00 per 100 lbs.

**Black Leaf 40.** Full directions on each package. Per 1 oz. bottle, 25c.; \$1.25 per  $\frac{1}{2}$  lb.; 2 lbs., \$3.75; \$15.50 per 10 lbs.

**Bordeaux Arsenate.** A combined fungicide and insecticide. For fruit trees, potatoes, melons, cucumbers, etc.; also for mildew, black spots, etc., on roses. Per lb., 40c.; \$1.50 per 5 lbs.; 10 lbs., \$2.75; \$5.75 per 25 lbs.; 50 lbs., \$11.00; \$21.00 per 100 lbs.

**Bordeaux Mixture (Paste).** Used principally for mildew, blight and fungus diseases that affect potatoes and fruit trees; by adding water it is ready for use. In 5-gal. kegs only, price, \$7.25.

**Bordeaux Material (Dry Form).** Per lb., 25c.; \$1.00 per 5 lbs.; 10 lbs., \$1.75; \$3.75 per 25 lbs.; 50 lbs., \$7.00; \$13.00 per 100 lbs.

**Boro-Wax.** For painting trees to destroy and keep away borers. Per qt., 50c.; \$1.75 per gal.; 6 gal. can, \$9.00.

**Bug Death.** Largely used instead of Paris Green. It is claimed to have the same effect. The manufacturers say that it acts as a fertilizer as well as an insecticide. It comes in powder form, and is applied pure. Not poisonous to persons. Per lb., 15c.; 40c. per 3 lbs.; 5 lbs., 65c.; \$1.35 per  $12\frac{1}{2}$  lbs.; 100 lbs., \$8.00.

**Carbolineum (Arvenarius).** A germicide and disinfectant for purifying poultry houses, stables, etc.; also an excellent wood preserver when used as a paint. Per gal., \$1.40; \$6.50 per 5 gals.

**Copper Solution.** Made of sulphate of copper and other materials. Excellent spray for carnation rust and diseases of the grape, pear, apple, and other fruits. A good thing to use for leaf blight and mildew. It is diluted in water. Per qt., \$1.25; \$3.50 per gal.

**Cyanegg.** For generating Hydrocyanic Acid Gas. Claimed to be the best remedy for killing the white fly. Per lb., 80c.; \$3.25 per 5 lbs.

**Dalmatian or Persian Powder.** For ridding buildings of insect pests, particularly roaches, ants, moths and fleas. Per  $\frac{1}{4}$  lb., 30c.; 55c. per  $\frac{1}{2}$  lb.; \$1.00 per lb.

**Fish Oil Soap.** An excellent summer spray, when something stronger cannot be used, where the San Jose Scale exists. It is nice for washing off lemon trees, oleanders, and almost anything that would be infested with soft-shelled or in fact most any kind of insect. Dissolved in water according to various purposes. Per  $\frac{1}{2}$  lb., 10c.; 15c. per lb.; 5 lbs., 60c.; \$1.10 per 10 lbs.; 25 lbs., \$2.00; \$3.75 for 50 lbs.; \$8.00 per 100 lbs.

**Fish Oil Soap (Good's Caustic).** Used extensively as a tree spray and as a summer remedy for San Jose Scale; it comes in a soft soap form and is easily dissolved, 1 lb. to 10 gals. water. Per lb., 20c.; 95c. per 5 lbs.; 25 lbs., \$4.25.

**Flyosan.** Quickly kills flies and other insect pests; applied with a sprayer. Per pt., 75c.; \$1.25 per qt.;  $\frac{1}{2}$  gal., \$2.25; \$4.00 per gal.

**Getz There Soap.** Ideal for washing palms and spraying in place of Whale Oil Soap. 2 lbs., 50c.; \$1.50 per 8 lbs.; 25 lbs., \$3.00; bbl. lots, 11c. per lb.

**Grape Dust.** A powder preparation used for mildew, aphids, black fly, and other insects and fungus diseases, principally in greenhouse. Per 5 lbs., 85c.; \$1.60 per 10 lbs.; per 25 lbs., \$3.75; \$13.75 per 100 lbs.

**Hellebore.** The ideal material for destroying rose bugs, currant worms, and other soft-shelled insects that infest the garden. It can be applied dry or in liquid form.  $\frac{1}{4}$  lb., 15c.; 30c. per  $\frac{1}{2}$  lb.; lb., 55c.; \$2.60 per 5 lbs.

**Imp. Soap Spray.** An all around outdoor and greenhouse insecticide. Per pt., 60c.; 85c. per qt.; gal., \$2.75; \$11.00 per 5 gals.; 10 gals., \$20.00.

**Insecticide (Zenke's).** A powerful liquid contact insecticide, embodying the most effective elements which destroy most of the class of sucking insects lying on the leaf surface so as to be in reach of actual contact. Per 8 oz., 20c. (\$2.00 per doz. cans); gal., \$2.00.

**I X L Compound.** An English preparation for spraying; harmless to very delicate plants. Kills mealy bug, red spider and all insect pests. Per gal., \$6.00.

**Kaylox.** A powder preparation which can be used for dusting as well as spraying; adapted for spraying for late broods of codling moth on apples, also for potato beetles, caterpillars and many leaf-eating insects, on fruit and other trees, also cabbage, cauliflower and other plants. A preventive of many blights and certain fungus diseases. Per  $\frac{1}{2}$  lb., 30c.; 60c. per lb.; 5 lbs., \$2.50; \$4.50 per 10 lbs.; 25 lbs., \$10.00; \$19.50 per 50 lbs.; 100 lbs., \$37.00.

**Kerosene Emulsion (Liquid) (Miscible Oil).** Diluted in water this makes an excellent spray for all mild forms of scale, and soft lice such as infest rose and fruit bushes, vegetables and trees. Dilutes 1 part to 20 parts of water. Per pt., 45c.; 80c. per qt.; gal., \$2.25.

**Lemon Oil Insecticide.** The best and cheapest insecticide in the market. Used by nearly all the leading growers. It effectually destroys mealy bug, scale, thrip and red spider. Per  $\frac{1}{2}$  pt., 30c.; 55c. per pt.; qt., 90c.; \$1.65 per  $\frac{1}{2}$  gal.; gal., \$2.75; \$10.50 per 5-gal. keg.



Directions for using any of the following will be found on each package. It is unlawful to send poisons by Parcel Post.

**Lime Sulphur.** For scale insects on trees and shrubs, and such fungus diseases as can be treated in winter or early spring; also for leaf curl of peaches. Per qt., 45c.; 65c. per ½ gal.; gal., 90c.; \$3.75 per 5 gals.; ½ bbl. (30 gals.), \$10.75; per bbl. (50 gals.), \$14.00.

**Lime Sulphur (Dry Powder Form).** Powdered Lime Sulphur is becoming very popular on account of the small expense for shipping. It is instantly soluble in either cold or hot water, dilute 1 lb. to 6 gals. of water; does not separate, keeps indefinitely. Per lb., 30c.; \$1.25 per 5 lbs.; 10 lbs., \$2.00; \$4.25 per 25 lbs.; \$14.00 per 100 lbs.



## CARBONDALE HYDROMETERS

These are highly recommended by the Pennsylvania State Department of Agriculture for testing the gravity of Lime-Sulphur solution; one should be in the hands of every man who uses this material. Price, \$1.10. (Postpaid, \$1.20.) With directions.

**Mag-O-Tite.** Protects crops against the ravages of the root maggot and other garden pests; also eradicates earth worms from lawns, etc.; also a valuable stimulant and fertilizer. Per 2 lbs., 35c.; 60c. per 4 lbs.; 8 lbs., \$1.00; \$2.50 per 25 lbs.; 100 lbs., \$8.50.

**Melrosine.** An efficient Rose Bug remedy. A powerful and highly concentrated insecticide, used as a spray, when diluted with from 20 to 25 times its bulk of water. Per ½ pt., 50c.; \$1.00 per pt.; qt., \$1.75; \$3.25 per ½ gal.; gal., \$6.00.

**Mo-Lo.** A preparation for destroying and driving away moles. Per pkg., 22c.

**Nico-Fume (Liquid).** Per ¼ lb., 75c.; \$2.35 per lb.; 4 lbs., \$8.50; \$16.50 per 8 lbs. Special contract price on large orders.

**Nico-Fume Paper.** Per box, \$1.35; \$6.00 for 144 sheets; 288 sheets, \$11.00.

**Nicotine (Hall's).** (40%.) An efficient preparation of purified free Nicotine for the control of plant lice and similar soft bodied insects. It is used in greenhouses as a spray for the same purpose as Nicotine Sulphate is used for outside work. 35c. per 1 oz. bottle; ½ lb. can, \$1.50; \$4.50 per 2 lb. can; per gal., \$15.75.

**Nicotine Fumigator.** (Hall's 12½%.) For fumigating greenhouses; takes the place of fumigating paper and tobacco dust; complete with directions. \$1.25 per 1 lb. tin; 2½ lb. size, \$2.50; \$8.50 per 10 lb. size.

**Nicotine Sulphate.** (Hall's 40%.) A concentrated solution of Nicotine; should be used for all outdoor spraying and dipping, where Nicotine is effective, but should not be used for vaporizing. It may also be combined with Arsenate of Lead, Bordeaux Mixture or oil emulsions. Per ½ lb., \$1.25; \$3.75 per 2 lb.; 10 lb., \$15.00.

**Note.**—We offer special discounts on Hall's Nicotine products when purchased in quantities, ask for rates.

**Nikoteen** (30% solution). One of the very best forms of tobacco or nicotine preparations; usually diluted in water; makes a most satisfactory spray as well as vapor; excellent for pea lice in the garden. Per 1 oz. bottle, 25c.; 40c. per 1¾ oz. bottle; ½ lb. bottle, \$1.25; \$2.00 per 1 lb. bottle; 4 lb. bottle, \$7.50; \$13.50 per 8 lb. bottle.

**Paris Green.** A poisonous powder for potato bugs, worms, caterpillars, slugs, etc. It may be used in liquid form, 1 pound in 50 gallons of water, or with Land Plaster at the rate of 1 pound Paris Green to 100 pounds Land Plaster. Per ¼ lb., 15c.; 25c. per ½ lb.; 45c. per lb.; \$2.00 per 5 lbs.; 14 lbs., \$5.00.

**P. T. B. (Para-Dichlorobenzine).** For peach tree borers; full directions on each package. Per 1 lb. can, 50c.; \$2.25 per 5 lb. can; 10 lb. can, \$3.75; \$7.50 per 25 lb. keg; 50 lb. keg, \$14.50; \$27.50 per 100 lb. keg.

**Pyrox (Bowker's).** A combined insecticide and fungicide for all leaf eating insects, blights and fungus troubles; it is a pasty substance, and needs only to be mixed with cold water. Per lb., 40c.; \$1.50 per 5 lbs.; 10 lbs., \$2.50; \$5.75 per 25 lbs.; 50 lbs., \$10.00; \$18.00 per 100 lbs.; 300 lbs., \$51.00.

**Rat Corn.** For destroying rats and mice in greenhouses, hotbeds, etc., not poisonous to other animals. 25c., 50c. and \$1.00 per box.

**Readeana Rose Bug Exterminator.** Used for destroying rose bugs, green fly, mealy bug, blight, mildew, etc. Harmless to the most delicate plant. 4 oz. can, 25c.; 50c. per 8 oz.; 24 oz., \$1.00; \$4.00 per gal.

**Scalecide.** Used for the destruction of the San Jose Scale. Dilute at the rate of one gallon Scalecide to 20 gallons water. Scalecide does not clog nozzles, hose or pump, and is pleasant to use. Spray during the winter or early spring when the trees are dormant. Per qt., 60c.; \$1.45 per gal.; 5 gals., \$6.00; \$10.50 per 10 gals.; 30 gals., \$26.00; \$37.50 per 50 gals.

**Scale Destroyer (Soluble Oil).** For San Jose Scale; 1 gal. dilutes to 20 gals. water. Per qt., 60c.; 85c. per ½ gal.; gal., \$1.50; \$6.50 per 5 gals.; 50 gal. barrel, \$40.00.

**Shoo Fly.** For keeping flies off cattle and horses; used with a spray or a sponge; the cattle and horses are either sprayed or rubbed with the preparation in the morning before being put out to their day's work. Per qt., 50c.; \$1.35 per gal.

**Slug Shot.** The standard remedy for currant worms, rose slugs, cabbage worms, and almost any soft-shelled insects that infest the vegetable or flower garden. Per 1 lb. canister, 16c.; 55c. per 5 lbs.; 10 lbs., \$1.10; \$2.65 per 25 lbs.; 100 lbs., \$10.00; full barrel lots (about 250 lbs.), 9¼c. per lb., f. o. b. Philadelphia.

**Sulco-V. B.** Will control San Jose and other scale insects, and many species of plant lice and fungus diseases. Pt., 30c.; 55c. per qt.; ½ gal., \$1.00; \$1.75 per gal.; 5 gal., \$6.00.

**Sulphate of Copper.** For destroying fungus diseases of all kinds; also used in making Bordeaux mixture, and for spraying potato vines in connection with Paris Green. Where used as a Bordeaux mixture it requires four pounds sulphate of copper to 6 pounds lime, diluted in 50 gallons of water. Per lb., 12c.; 55c. per 5 lbs.; 10 lbs., \$1.00; \$2.25 per 25 lbs.; 100 lbs., \$8.50.

**Sulphur.** Used principally in greenhouses for checking mildew. It is also used as a preventive and cure for San Jose Scale, when it is used in connection with lime and salt. Per lb., 8c.; 40c. per 5 lbs.; 10 lbs., 80c.; \$1.75 per 25 lbs.; 100 lbs., \$6.50; barrel lots (about 200 lbs.), 6¼c. per lb.

**Sulphur Candles.** For fumigating in sick rooms, also in conservatories and greenhouses. Large, 25c. each; per doz., \$2.75; small, 15c. each; per doz., \$1.70.

**Thrip Juice (Hammond's No. 2).** This preparation is very effective against aphids, red spider, mealy bugs and sucking insects generally. Per pt., 75c.; \$1.25 per qt.; gal., \$3.50.

**Tobacco Dust (For dusting only).** Excellent for lettuce and other plants to destroy soft, creeping insects. Per lb., 8c.; 30c. per 5 lbs.; 10 lbs., 50c.; \$1.00 per 25 lbs.; 100 lbs., \$3.25; \$15.00 per 500 lbs.; 1000 lbs., \$25.00; \$45.00 per ton.

**Tobacco Dust (Special dusting or fumigating).** A specially prepared article. Per 5 lbs., 40c.; \$1.50 per 25 lbs.; 50 lbs., \$2.75; \$5.00 per 100 lbs.; 500 lbs., \$23.50.

**Tobacco Soap (Sulpho).** A combination of tobacco extract and sulphur; fine for washing and spraying plants; dissolve in warm water. 3 oz. pkgs., 90c. per doz.; per 100, \$6.50; 6 oz. pkgs., \$1.50 per doz.; per 100, \$12.00; 10 lb. cakes, \$3.20; \$7.50 per 25 lbs.

**Tobacco Stems (Fresh).** Used principally for fumigating and under benches in greenhouse. They may also be steeped in hot water and used as a spray. Per lb., 10c.; 60c. per bu.; bbl. bags, \$1.25; large bales at 2c. per lb.; ½ ton, \$11.00; \$20.00 per ton.

**Tree Tanglefoot.** A paste preparation for painting around the trunks of trees, in the form of a band. Caterpillars and other crawling pests cannot get over it. Per lb., 50c.; \$2.40 per 5 lb. can; 10 lbs., \$4.50; \$8.75 per 20 lbs.

**Worm Destroyer (Michell's) (For Earth worms).** This is a powder and is distributed over a given surface and soaked with water, which causes the worms to come to the surface, and die where they may be scooped up readily. It acts as a fertilizer as well as worm destroyer. Per 112 lb. bag, \$8.50; \$39.00 per 560 lbs.; 1120 lbs., \$70.00; \$130.00 per 2240 lbs.

**Worm Powder (Reades).** For destroying earth worms on putting greens, lawns, etc. Price upon application.

**Worm Eradicator (Reade's Electric).** This has been found to effectually destroy worms in greenhouse benches and in potted plants, or for outdoor use in the flower and vegetable garden, or among trees. \$1.00 per 24 oz.; gal., \$4.00.

**Zenke's Insecticide.** (See Insecticide.)

**Zenoleum.** A germicide and disinfectant. Endorsed by forty-four State Experiment Stations and Agricultural Colleges, and the leading live stock men of America. Zenoleum is a concentrated solution of coal tar. It mixes with hot or cold water. It will penetrate deeper and more rapidly than any other disinfectant. Per ½ pt., 35c.; 75c. per qt.; ½ gal., \$1.25; \$2.00 per gal.

**Lamps for Vaporizing Nicotine Solutions.** 75c. each; 6 for \$4.00.



# MICHELL'S FLOWER POTS, TUBS, ETC.

Orchid Pan    Eastern Fern Pan    Fern Dish Liner    Seed Pan    Wood Fibre Flower Vase



Cedar Tub

Keystone Tub

Earthen Flower Pot

Azalea Pot

Earthen Bulb Pan

Earthenware Saucer

Wood Fibre Saucer

Rolling Stand

## FERN DISH LINERS

Width	Depth	Each	Doz.	100
7 in.	1 1/8 in.	\$0.15	\$1.56	\$11.88

## CUT FLOWER VASES

(Galvanized Iron)

No.	Top Diam.	Depth	Cap.	Each	Doz.
65	7 1/2 in.	8 in.	8 Qt.	\$0.40	\$ 4.00
66	8 3/4 " "	10 " "	" "	.55	6.00
67	7 3/4 " "	12 " "	" "	.65	7.00
68	8 3/4 " "	12 1/2 " "	" "	.75	8.00
69	8 3/4 " "	18 " "	" "	.90	10.00

## WOOD FIBRE VASES

No.	Diam.	Depth	Weight	Each	Doz.
0	8 in.	13 in.	4 lbs.	\$1.66	\$17.35
1	5 1/2 " "	10 " "	2 1/2 " "	1.35	15.30
2	4 1/2 " "	9 " "	1 1/2 " "	1.33	14.28
3	4 " "	6 " "	1 1/2 " "	1.14	12.24
4	3 " "	4 1/2 " "	3/4 " "	.95	10.20
00	9 " "	21 " "	6 " "	5.00	53.55
11	5 " "	18 " "	4 " "	1.90	20.40
22	4 1/2 " "	15 " "	2 " "	1.81	19.38
33	4 " "	12 " "	2 " "	1.57	16.83
44	3 " "	9 " "	1 " "	1.24	13.16

## PAPER FLOWER POTS

Ins.	Parcel Post	Weight	100	1000
Diam.	per doz.	per 100		
2 1/4	3 oz.	2 lbs.	\$0.44	\$3.90
2 1/2	" "	" "	.52	4.50
3	5 " "	2 " "	.70	6.15
3 1/2	7 " "	3 " "	.91	7.95
*4	8 " "	4 " "	1.14	9.95
*5	15 " "	7 " "	1.77	15.50
*6	2 " "	11 " "	2.37	20.75

Sizes marked \* are packed 500 to a crate other sizes 1000. Special price will be quoted on paper pots f. o. b. factory.

## AZALEA POTS

Diam.	Depth	Doz.	100	1000
5 in.	4 1/2 in.	.59	\$4.32	\$37.80
6 " "	5 " "	.88	6.48	56.70
7 " "	6 " "	1.46	10.80	94.50
8 " "	7 " "	2.11	15.60	136.50

## EARTHEN BULB PANS

Diam.	Each	Doz.	100	1000
6 in.	\$0.08	\$0.88	\$6.48	\$56.70
7 " "	.14	1.46	10.80	94.50
8 " "	.20	2.11	15.60	136.50
9 " "	.30	3.24	24.00	
10 " "	.41	4.38	32.40	
12 " "	.83	8.91	66.00	
14 " "	1.35	14.58	108.00	

## POT HANGERS

Weight	per doz.	Each	Doz.	Gross
Krick's No. 1, 3				
to 5-in. pots...	1 lb.	\$0.04	\$0.45	\$5.00
Krick's No. 2, 6				
and 7-in. pots...	1 lb.	.05	.50	5.50
Krick's No. 3, 8				
to 10-in. pots...	1 lb.	.06	.60	6.00
Eureka. For all sizes of pots.				
galvanized wire, 12c. each; per doz.,				
\$1.20; \$8.50 per 100.				

Discount on Earthen Flower Pots, Bulb Pans and Saucers is 2 per cent. for cash with order or if paid in 15 days from date of bill. All earthenware shipped at buyer's risk. All prices on earthenware are f. o. b. Philadelphia. In some instances arrangements can be made for delivery by auto truck direct from pottery at a special charge for hauling.

## EARTHENWARE SAUCERS

Diam.	Doz.	100
4 inches	\$0.25	\$1.80
5 " "	.33	2.40
6 " "	.49	3.60
7 " "	.65	4.80
8 " "	.90	6.60
9 " "	1.22	9.00
10 " "	1.46	10.80
11 " "	1.79	13.20
12 " "	2.19	16.20
14 " "	3.65	27.00

## WOOD FIBRE SAUCERS

Diam.	Weight	Each	Doz.
5 inches	1/4 lb.	\$0.33	\$3.57
6 " "	1/4 " "	.36	3.82
7 " "	1/2 " "	.40	4.25
8 " "	1/2 " "	.44	4.32
9 " "	3/4 " "	.47	5.10
10 " "	3/4 " "	.51	5.52
12 " "	1 1/4 " "	.54	6.12
14 " "	1 1/2 " "	.79	8.50
16 " "	2 " "	1.35	14.45
18 " "	2 1/2 " "	1.59	17.00

## ROLLING STANDS

Ins.	Will Fit	Each	Doz.
Diam.	Weight	Pot	Tub
12.....	2 lbs.	10 in.	\$0.95
14.....	2 1/2 " "	12 " "	1.10
18.....	3 1/2 " "	16 " "	7-6
20.....	" "	" "	5
22.....	" "	" "	4

Rolling stands sold complete only.

## ORCHID PANS

(Earthen)

4 inches diam.	Each	Doz.
5 " "	.12	1.35
6 " "	.18	1.60
8 " "	.30	2.70
10 " "	.50	4.96
12 " "	.90	8.25

## EARTHEN FERN PANS

Width	Height	Each	Doz.	100
4 in.	1 7/8 in.	\$0.05	\$0.49	\$3.60
4 3/4 " "	2 7/8 " "	.06	.65	4.80
5 1/2 " "	2 1/4 " "	.08	.81	6.00
6 1/4 " "	2 1/2 " "	.09	.98	7.20
7 " "	2 5/8 " "	.11	1.14	8.40
8 " "	3 1/8 " "	.15	1.62	12.00
9 " "	3 1/4 " "	.18	1.95	14.40

## EARTHEN FLOWER POTS

Width Inside	Doz.	100	1000
1 inch	\$0.15	\$1.08	\$9.45
2 " "	.13	.91	7.88
2 1/4 " "	.14	1.03	8.93
2 1/2 " "	.17	1.20	10.50
3 " "	.21	1.56	13.65
3 1/2 " "	.27	1.92	16.80
4 " "	.33	2.40	21.00
4 1/2 " "	.45	3.24	28.35
5 " "	.59	4.32	37.80
5 1/2 " "	.73	5.40	47.25
6 " "	.88	6.48	56.70
6 1/2 " "	1.17	8.64	75.60
7 " "	1.46	10.80	94.50
8 " "	2.11	15.60	136.50
9 " "	3.24	24.00	
10 " "	4.38	32.40	
11 " "	6.48	48.00	
12 " "	8.91	66.00	
14 " "	14.58	108.00	

## CEDAR TUBS

### Equipped with Strong Iron Hoops

These are made by hand, of the very best white cedar, painted green. All measurements are inside.

No.	Inside Diam.	Length of Stave	Depth	Price
No. 0.....	24 3/4 in.	22 3/4 in.	24 in.	\$10.30
No. 1.....	23 3/8 " "	20 1/4 " "	22 " "	9.20
No. 2.....	21 " "	18 7/8 " "	20 " "	8.20
No. 3.....	18 1/4 " "	16 7/8 " "	18 " "	6.70
No. 4.....	16 1/2 " "	14 7/8 " "	16 " "	5.40
No. 5.....	14 1/8 " "	13 1/8 " "	14 " "	4.90
No. 6.....	12 1/8 " "	10 7/8 " "	12 " "	3.90
No. 7.....	11 3/4 " "	9 7/8 " "	10 " "	3.40
No. 8.....	10 1/8 " "	9 1/8 " "	9 1/2 " "	2.95

## MICHELL'S KEYSTONE PLANT TUBS

Made of white cedar, painted green and bound with strong wire hoops. Handles are sold separately at 25c. per pair.

No.	Inside Diam.	Depth	Each	Doz.	100
1.....	6 in.	6 in.	\$0.55	\$6.00	\$47.50
2.....	7 " "	7 " "	.57	6.25	50.50
3.....	8 " "	8 " "	.62	6.75	53.40
4.....	9 " "	9 " "	.66	7.20	57.00
5.....	10 " "	9 " "	.78	8.55	67.50
6.....	11 " "	10 " "	.96	10.80	87.50
7.....	12 " "	11 " "	1.16	12.60	100.00
8.....	13 " "	12 " "	1.48	16.80	127.30
9.....	14 " "	13 " "	1.70	18.35	
10.....	15 " "	14 " "	1.85	20.05	
11.....	16 " "	15 " "	2.10	21.90	
12.....	17 " "	16 " "	2.46	26.65	
13.....	18 " "	17 " "	2.94	31.80	
14.....	19 " "	18 " "	3.55	38.40	

No. 2, Special Pail Tub, 10 3/4-in. diam.; 8-in. deep. Per doz., \$7.65; \$61.00 per 100.



## GIANT DOUBLE ZINNIAS

An extra selected strain, with immense, perfectly double flowers.

**Crimson**

**Scarlet**

**Flesh Color**

**Sulphur Yellow**

**Golden Yellow**

**Violet**

**Purple**

**White**

Each of above colors, trade pkt., 30c.; \$1.00 per oz.;  
¼ lb., \$3.50.

**Choice Mixed Colors** Trade pkt., 20c.; 75c. per oz.;  
¼ lb., \$2.75.

## GIANT DAHLIA FLOWERED ZINNIAS

Extra large flowers of a true Dahlia Flowering type.  
**Mixed Colors.** Trade pkt., 40c.; \$2.00 per oz.; ¼ lb., \$7.50.







## **ASTER**

### **Early Royal Branching**

This variety has all the good qualities of the late branching type, and comes into bloom nearly as early as Queen of the Market.

**Lavender**

**Shell Pink**

**Purple**

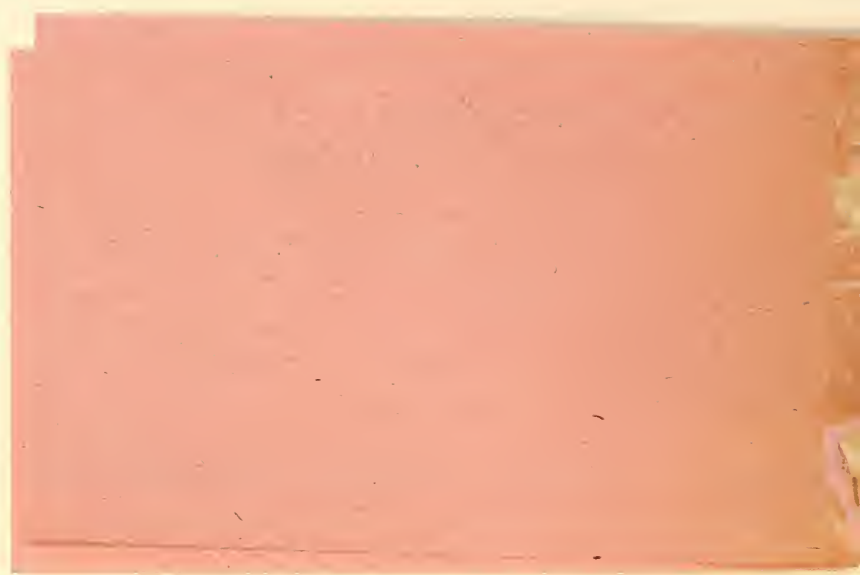
**White**

**Rose Pink**

Each of above colors, 40c. per trade pkt.; oz., \$2.00.

**Mixed Colors**, 30c. per trade pkt.; oz., \$1.50.







## **CALENDULA**

### **Michell's Special Forcing**

The Calendula is becoming very popular for cut flowers; it is also excellent as a pot plant. Our strain is extra fine; seeds saved from plants producing perfectly double flowers. Color, rich orange yellow.

Trade pkt., 50c.; \$2.00 per oz.;  $\frac{1}{4}$  lb., \$7.00







## **LARGE FLOWERING PETUNIA**

### ***Michell's Monstrosus***

An extra large flowering variety, surpassing the well-known Giants of California; the colorings, markings, veinings, etc., are superb; a good proportion of the flowers are fringed.

Half trade pkt., 60c.; \$1.00 per trade pkt.







**PRIMULA OBCONICA GIGANTEA**

**Monster Strain**

An extra large flowering type of this popular flower.  
Seeds we offer are grown for us by a specialist.

Trade Pkt.

<b>Apple Blossom.</b>	Soft pink.....	\$1.00
<b>Kermesina.</b>	Deep crimson.....	1.00
<b>Plathii.</b>	Brilliant deep rose.....	1.00
<b>Rosea.</b>	Pink .....	1.00







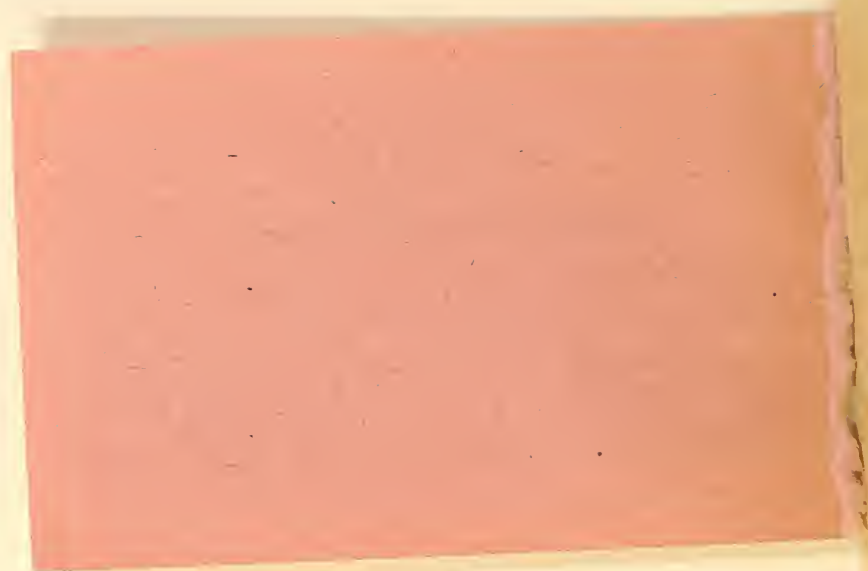
## **NEW DWARF ALYSSUM**

### **Michell's Bouquet**

This new variety is of very dwarf and compact growth; free flowering; forms a perfect bouquet of miniature white flowers. A perfect gem for edging.

Trade pkt., 40c.; \$2.00 per oz.







From \_\_\_\_\_

Post Office \_\_\_\_\_

State \_\_\_\_\_

PUT  
STAMP  
HERE

**MICHELL'S SEED HOUSE**

**518-516 MARKET STREET**

**Philadelphia, Pa.**







# MAKE A PROFIT SELLING MICHELL'S SEEDS

## ORDER SHEET AND PRICE LIST



Date \_\_\_\_\_ 19\_\_\_\_

Ship to  
Your Name \_\_\_\_\_

Care of \_\_\_\_\_  
P. O., Street, or  
R. F. D. Address \_\_\_\_\_  
Freight or  
Express Address \_\_\_\_\_

County \_\_\_\_\_ State \_\_\_\_\_

Charge to \_\_\_\_\_

### PLEASE NOTE—

To conform to modern business practice we have discontinued the consignment business. ALL MERCHANDISE IS SOLD ON AN OUTRIGHT BASIS ONLY; NOT RETURNABLE.

In order to make the sale and offering of our merchandise as attractive and profitable as we can, we suggest that our retail prices (as quoted in our current catalogs) be maintained as far as practicable and possible, except on such items as change in price.

SEND BY	MARK X Over the word designating method By which shipment is desired	FREIGHT	EXPRESS	BOAT	PARCEL POST	BAGGAGE MASTER	LOCAL EXPRESS
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## List of Vegetable Seeds Put up in 5c Retail Illustrated Lithographed Packets

Your cost is \$2.50 per 100; per 1000, \$22.50.

No. of Packets Wanted	No. of Packets Wanted	No. of Packets Wanted	No. of Packets Wanted
Beans, Bush Lima	Corn, Late	Okra	Ruta Baga, Purple Top
Beans, Green Pod	Corn Salad	Onion, Red	Yellow
Beans, Pole Lima	Cress, Garden	Onion, White	Sage
Beans, Wax Pod	Cress, Water	Onion, Yellow	Salsify
Beets	Cucumber	Parsley	Spinach
Brussels Sprouts	Cucumber, Gherkin	Parsley, Rooted	Squash, Crook Neck
Cabbage, Chinese	Dandelion	Parsnip	Squash, White Bush
Cabbage, Early	Egg Plant	Peas, Early	Summer Savory
Cabbage, Late	Endive	Peas, Late	Sweet Marjoram
Cabbage, Red	Kale	Pepper, Cayenne	Swiss Chard
Cabbage, Savoy	Kohl Rabi, Purple	Pepper, Large Sweet	Thyme
Carrot, Early	Kohl Rabi, White	Pumpkin, Cheese	Tomato, Early
Carrot, Late	Leek	Pumpkin, Crook Neck	Tomato, Golden Queen
Celery	Lettuce, Curled	Radish, Black Spanish	Tomato, Late
Celeriac	Lettuce, Head	Radish, Long Red	Tomato, Yellow Plum
Chicory, Witloof	Lettuce, Romaine	Radish, Long White	Turnip, Purple Top Flat
Citron, Preserving	Melon, Musk	Radish, Round Red	Turnip, Purple Top
Corn, Early	Melon, Water	Radish, Round White	White Globe
Corn, Golden Bantam	Mustard		Turnip, Yellow Globe

## List of Vegetable Seeds put up in 10c Retail Illustrated Lithographed Packets

These Packets contain a greater quantity of seed than those Packets retailing for 5 cents.

Your cost \$5.00 per 100 Packets; per 1000 Packets, \$45.00.

No. of Packets Wanted	No. of Packets Wanted	No. of Packets Wanted	No. of Packets Wanted
Beans, Bush Lima	Corn, Early	Melon, Water	Radish, Long White
Beans, Pole Lima	Corn, Golden Bantam	Onion, Yellow	Radish, Round Red
Beans, Green Pod	Corn, Late	Onion, White	Radish, Round White
Beans, Yellow Pod	Egg Plant	Parsley	Salsify
Beets	Endive	Parsley, Rooted	Spinach
Cabbage, Early	Kale	Parsnip	Squash
Cabbage, Late	Kohl Rabi, White	Peas, Early	Swiss Chard
Carrot, Early	Leek	Peas, Late	Tomato, Early
Carrot, Late	Lettuce, Curled	Pepper, Cayenne	Tomato, Late
Celery	Lettuce, Head	Pumpkin, Cheese	Turnip, Purple Top
Celeriac	Lettuce, Romaine	Radish, Long Red	White Globe
Cucumber	Melon, Musk		



# Michell's Reliable Seeds, Etc., for Storekeepers

## List of Flower Seeds put up in 5c Retail Illustrated Lithographed Packets

Your cost per doz. Packets, 35 cents; \$2.50 per 100 Packets. per 1000 Packets, \$22.50.

No. of Pkts. Wanted		No. of Pkts. Wanted		No. of Pkts. Wanted	
	Ageratum		Cosmos		Pansy
	Alyssum		Cypress Vine		Petunia
	Antirrhinum		Flower Seeds, in mixture		Phlox
	Aster		Forget-Me-Not		Pinks
	Balloon Vine		Four O'Clock		Poppy
	Balsam		Gaillardia		Portulaca
	Balsam Apple		Gourds		Scabiosa
	Bean, Scarlet Runner		Hollyhocks		Scarlet Sage
	Calendula		Hyacinth Bean		Stocks
	California Poppy		Larkspur		Straw Flower
	Calliopsis		Lobelia		Sunflower
	Canary Bird Vine		Marigold		Sweet Peas
	Candytuft		Mignonette		Sweet William
	Carnation		Moonflower		Thunbergia
	Castor Oil Bean		Morning Glory		Verbena
	Celosia		Nasturtium, Tall		Wild Cucumber
	Chrysanthemum		Nasturtium, Dwarf		Zinnia
	Cobaea				
	Cornflower				

We can also supply all other varieties of Flower Seeds as per our catalog at wholesale rates, but not in illustrated packets.

## List of Flower Seeds put up in 10c. Retail Lithographed Illustrated Packets

Your cost per doz. Packets, 70 cents; \$5.00 per 100; per 1000, \$45.00.

These are larger packets than the 5c. size; containing more seed, and are improved flowering strains.

No. of Packets Wanted		No. of Packets Wanted		No. of Packets Wanted	
	Ageratum		Cosmos, Giant Fancy Mixed		Petunia, Choice Mixed
	Alyssum, Sweet		Cypress Vine		Phlox, Drummondii Grandiflora, Mixed
	Antirrhinum (Snapdragon)		Dianthus, Double Japan Mixed		Poppy, Single Shirley
	Aster, Queen of the Market, Mixed		Dimorphotheca		Portulaca, Double
	Aster, Semple's Branching, Mixed		Forget-Me-Not		Portulaca, Single
	Bachelor's Button (Centaurea)		Gaillardia		Salvia (Scarlet Sage)
	Balloon Vine		Gourd		Scabiosa
	Balsam, Double Camellia Flowered		Hollyhock, Double Mixed		Stocks, Dwarf Ten Weeks, Mixed
	Balsam Apple		Kochia		Straw Flower
	Calendula		Larkspur, Tall Double, Mixed		Sunflower
	California Poppy		Lobelia		Sweet Peas, Spencer Mixed
	Calliopsis		Marigold, Tall African, Mixed		Sweet William, Double
	Candytuft, Giant White		Mignonette, Machet		Thunbergia
	Carnation, Marguerite, Mixed		Moon Flower (Ipomoea)		Verbena, Mammoth Fancy, Mixed
	Castor Oil Bean		Morning Glory (Convolvulus)		Wild Cucumber
	Celosia		Nasturtium, Dwarf Giant Flowered		Wild Flower Garden
	Chrysanthemum		Nasturtium, Tall Giant Flowered		Zinnia, Giant. Mixed
	Coboea		Pansy, Giant Trimardeau		

### DISPLAY CASES FREE

These are illustrated on page 1 of this circular. These cases have been standardized and will accommodate either Flower or Vegetable Seed packets. They require very little space and the seed packets are so arranged that every variety is in full view of the customer at one time; the case is exceedingly practical, inasmuch that even if one packet remains in a compartment, it is just as effective as though the compartment were full. This is quite an advantage in that it permits the merchant to sell close to the last packet, thus avoiding needless replacing, especially toward the end of the season. The cases have a closing lid which when open serves as a show card or sign; it can be put away temporarily or when the season is over and any contents are kept clean.

**SPECIAL NOTICE.**—Each case holds about 150 packets of seeds, but we will furnish a case free with each order of 100 packets or more. When received put it where it can be seen by everyone who enters your shop or store; don't stick it under the counter or on the shelf and expect it to sell goods. Unless they especially come in for it, few people buy or ask for things they do not see. These boxes are light in weight and can be transported by parcels post, with contents.

**HENRY F. MICHELL CO., 518-516 Market Street, Phila.**

(See Next Page)



# MICHELL'S RELIABLE SEEDS, Etc.

(Order Sheet and Price List for  
Storekeepers)

Quantity Wanted				Retail Each	YOUR COST			TOTAL	
	Dozen	Per 100	Per 1000		\$	Cts.			
<b>SWEET PEAS</b>									
<b>Spencer Mixture.</b>									
	Pkts.			\$0.10	\$0.75	\$ 5.00		\$45.00	
	1 oz. Pkts.			.25	1.50	12 00			
	1/4 lb. "			.75	5.00	40.00			
	1/2 lb. "			1.25	8.50	65 00			
	1 lb. "			2.50	17.00	130 00			
<b>Gilt Edge Mixture,</b>									
	Pkts.			.05	35	2.50		22.50	
	1 oz. "			.15	1.10	9 00			
	1/4 lb. "			.50	2 25	18.00			
	1/2 lb. "			.75	3.50	29.00			
	1 lb. "			1.50	7.00	57.50			
<b>NASTURTIUM.</b>									
<b>(Regular Dwarf Mixed),</b>									
	Pkts.			.05	\$0.35	\$2.50		\$22.50	
	1 oz. "			.15	1.20	8.50			
	1/4 lb. "			.45	3.50	25.00			
<b>(Regular Tall Mixed),</b>									
	Pkts.			.05	.35	2.50		22.50	
	1 oz. "			.15	1.10	8.00			
	1/4 lb. "			.40	2.75	20.00			
<b>Fancy Giant Strain. Produces very large, long stemmed flowers.</b>									
<b>Dwarf.</b>									
	Pkts.			.10	.70	5.00		45.00	
	1 oz. "			.25	1.75	12.00			
	1/4 lb. "			.60	4.00	30.00			
<b>Tall.</b>									
	Pkts.			.10	.70	5.00		45.00	
	1 oz. "			.25	1.75	12.00			
	1/4 lb. "			.60	4.00	30.00			
<b>WHITE DUTCH CLOVER</b>									
	Pkts.			\$0.05	Dozen	Per 100	Per 1000		
	1 oz. "			.10	\$0.35	\$2.50	\$22.50		
	1/4 lb. "			.20	.60	4.50	40.00		
	1/2 lb. "			.40	1.90	15.00			
	1 lb. "			.75	3.70	30.00			
					7.20	57.50			
<b>LAWN GRASS SEED</b>									
<b>Fairmount Park,</b>									
	Pints			\$0.15	Each	Dozen	Per 100	Per 1000	
	Quarts			.25	\$0.10	\$1.00	\$7.50	\$70.00	
	2 Quarts			.45	.20	1.80	14.00	130.00	
	4 Quarts			.75	.30	3.50	28.00		
	Peck			1.50	.55	6.00	45.00		
	1/2 Bushel			2.75	1.05	12.00			
	1 Bushel			5.50	2.00	23.50			
<b>Evergreen,</b>									
	Pints			.15	4.00	47.00			
	Quarts			.30	.10	1.15	9.00	85.00	
	2 Quarts			.55	.20	2.25	17.00		
	4 Quarts			1.00	.40	4.20	34.00		
	Peck			1.75	.65	7.20	57.50		
	1/2 Bushel			3.25	1.25	14.00			
	1 Bushel			6.50	2.25	26.00			
<b>Green Velvet,</b>									
	Pints			.20	4.50	52.00			
	Quarts			.35	.13	1.50	12.00	110.00	
	2 Quarts			.65	.25	2.75	22.00	210.00	
	4 Quarts			1.25	.45	5.25			
	Peck			2.25	.80	9.00			
	1/2 Bushel			4.00	1.50	17.00			
	1 Bushel			8.00	2.90	33.60			
<b>Shaded Lawn,</b>									
	Pints			.20	5.75	66.00			
	Quarts			.35	.13	1.40	11.00	105.00	
	2 Quarts			.65	.25	2.75	22.00	210.00	
	4 Quarts			1.25	.45	5.25	40.00		
	Peck			2.25	.80	8.50	68.00		
	1/2 Bushel			4.00	1.50	16.50			
	1 Bushel			8.00	2.90	33.60			
					5.75	66.00			
<b>FERTILIZERS</b>									
<b>Plant Food</b>									
	Michell's 5-oz. pkgs.			\$0.20	Each	Dozen	Per 100		
	" " 12-oz. pkgs.			.30		\$1.25	\$9.00		
<b>Sheep Manure,</b>									
	2 pound boxes			.25		2.25	17.50		
	" " 5 pound boxes			.40		1.80	13.50		
	" " 10 pound boxes			.65		3.00	22.50		
<b>Bone Meal,</b>									
	3 pound boxes			.25		5.40	42.50		
	" " 5 pound boxes			.35	\$0.20	1.95	15.00		
	" " 10 pound boxes			.60	.30	2.75	22.00		
					.55	4.75	38.00		

**MICHELL'S SEEDS**  
"Sown wherever known"

**Henry F. Michell Co.,**  
518-516 Market Street, Philadelphia.



# MICHELL'S RELIABLE SEEDS, Etc., Order Sheet for Storekeepers

Quantity Wanted	MISCELLANEOUS ARTICLES		YOUR COST		TOTAL	
		Retail Each	Dozen	Per 100	\$	Cts
	Lemon Oil Insectide, ½ pt. cans.....	\$0.35	\$3.25	\$26.00		
	Aphine " ¼ pt. cans .....	.25	2.65	21.00		
	Black Leaf, 40 " 1 oz. bottle .....	.25	2.40	18.00		
	Sulpho Tobacco Soap, 3 oz. cake .....	.15	.85	6.50		
	Sulpho Tobacco Soap, 6 oz. cake .....	.25	1.40	11.00		
	<b>BIRD SEEDS, in 1-lb. pkgs.</b>		<b>YOUR COST</b>			
	Mixed Canary .....		Prices upon Application			
	Plain " .....					
	Hemp .....					
	Rape .....					
	Sunflower, lb.....	\$0.15				
	Song Restorer, bottle.....	\$0.15	\$1.40 per dozen			
	Bird Manna, pkg.....	.15	Per dozen .....	\$1.44		
	Snowflake Pop Corn (shelled) in 1-lb. pkg., per lb.....	.15	Per 100 .....	10.00		
	Bird Gravel, Fine Silver, pkg.....	\$0.10	\$0.80 per dozen			
	" " Red, pkg.....	.10	\$0.80 per dozen			
	" " Coarse Red, pkg.....	.10	\$0.85 per dozen			
	Rat Corn, Small size.....	\$0.25	\$2.00 per dozen			
	" " Medium size.....	.50	4.00 per dozen			
	" " Large size.....	1.00	8.00 per dozen			

## Michell's Choice Spring and Summer Flowering and Decorative Bulbs

Bulbs sell well in most any general store, florist shop or drug store; try a few or take orders for them and make a profit.

Quantity Wanted		Doz.		Quantity Wanted		Doz.	
		100				100	
	CALLA, Elliottiana. Yellow.....	\$3.00	\$20.00		CALADIUM Esculentum. (Elephant's Ears)		
	" Spotted Leaved .....	2.25	16.00		5- 7 inch bulb.....	\$0.85	\$5.00
	CANNAS (Roots). Dwarf Mixed ...	.60	4.00		7- 9 " " .....	1.25	7.50
	" Red .....	.85	5.00		9-11 " " .....	2.25	15.00
	" Pink .....	1.25	8.00		<b>DAHLIAS. In Separate Colors not named.</b>		
	" Yellow .....	.85	5.00		Double White .....	\$1.50	\$10.00
					" Pink .....	1.50	10.00
					" Yellow .....	1.50	10.00
					" Red .....	1.50	10.00



Double Pearl Tuberose

Quantity Wanted		Doz.		Quantity Wanted		Doz.	
		100	1000			100	1000
	CINNAMON VINE (Roots).....	\$0.75	\$5.00		GLADIOLUS. Choice Mixed .....	.40	2.50
					" Pink and Rose .....	.60	3.50
					" White and Light .....	.60	3.50
					" Striped and Variegated .....	.60	3.50
					" Red and Scarlet .....	.60	3.50
					" Yellow and Orange .....	.65	4.00
	HYACINTHUS CANDICANS (Summer Hyacinth)						
	WHITE .....	\$1.00	\$6.00				
	ISMENE Calathina (Pancratium Lily). White.....	1.25	8.00				
	LILIES (Hardy) Auratum. 8/9 in. Yellow and white.....	2.50	18.00				
	Album. 8/9 in. White.....	2.50	18.00				
	Rubrum. 8/9 in. Pink.....	2.50	16.00				
	MEXICAN VINES (Roots).....	\$0.65	\$4.00				
	OXALIS, Summer						
	Deppei. White .....	\$0.10	\$0.75				
	Lasiandra. Pink .....	.10	.75				
	TUBEROSES.						
	Double Mammoth Pearl. Pure White. 1st Size Bulbs .....	\$0.50	\$3.00				
	Albino Single. 1st Size Bulbs.....	.50	3.00				

Consult our 1922 Catalog for Retail Prices for Above and Other Bulbs.



## ORDER NO.

Ship to \_\_\_\_\_ c/o \_\_\_\_\_

Street \_\_\_\_\_ P. O. Box \_\_\_\_\_

Post Office \_\_\_\_\_ R. F. D. No. \_\_\_\_\_

Freight or  
Express Address\_\_\_\_\_

County \_\_\_\_\_ State \_\_\_\_\_

Charge to \_\_\_\_\_ Charge Address \_\_\_\_\_

Please DO NOT Write in Space Above

SEND BY **MARK X** Over the Word designating method  
by which shipment is desired

FREIGHT

EXPRESS

BOAT

PARCEL  
POST

## BAGGAGE MASTER

LOCAL  
EXPRESS

PRICED BY

ORDER  
FILLED BY

Veg. Seeds

Flo. Seeds

## Bulbs

## Plants

## Tools

Sundries

Insect.

Poult. Sup.

Grass Seed	
------------	--

Fertil.

DATE  
FILLED

DOUBLE  
CHECKED BY

Shipped Via and Date\_\_\_\_\_

IF OUT OF VARIETY ORDERED HAVE WE YOUR PERMISSION TO  
SUBSTITUTE EQUAL OR BETTER IN NEAREST WE CAN SUPPLY?

**Answer**

[illegible]

PLEASE DO NOT ASK QUESTIONS ON THIS ORDER SHEET, BUT WRITE THEM, AND ALL COMMUNICATIONS REQUIRING AN ANSWER, ON A SEPARATE SHEET AND ENCLOSE WITH ORDER, TO INSURE A MORE SPEEDY REPLY.

**HENRY F. MICHELL CO.** give no warranty, expressed or implied, as to the description, purity or productiveness of any seeds, plants or bulbs they send out, and they cannot be in any way responsible for the crop. If the customer does not accept the goods on these terms, they can be returned at once.









# PULVERIZED POULTRY MANURE

ONE OF THE BEST FERTILIZERS FOR

**FLOWERS, LAWNS, FRUITS and VEGETABLES**

Endorsed by Florists, Golf Clubs, Fruit Growers and Market Gardeners

## FLOWERS

It has been thoroughly tried by florists, under glass and in the field. Applied in tilling or as a top dressing or in solution as a liquid manure. Growth and coloring produced are marvelous. Leading florists claim it is the best fertilizer they have ever used.

## LAWNS

For lawns it has no equal. Golf Clubs and Parks depend upon the color and texture of the turf for their success. Appearance is everything to them.

## AMOUNT TO USE

Fruits and vegetables 1000 to 1200 lbs. per acre. Old lawns 30 to 50 lbs. per 1000 square feet. New lawns 40 to 60 lbs. per 1000 square feet. Home gardens 3 to 5 pounds per 100 square feet. Trees 3 to 5 lbs. each. Vines and bushes 1 lb. each. Greenhouses 60 to 90 lbs. per 500 square feet of bench. Golf courses, putting greens 50 to 60 lbs. per 1000 square feet. Fairways 30 to 40 lbs. per 1000 square feet. Entire 9 hole course 15 to 20 tons or one carload. Price, f. o. b. Philadelphia, 100 lbs., \$3.00; \$14.50 per 500 lbs.; 1000 lbs., \$28.00; \$52.50 per ton. F. o. b. Buffalo, 100 lbs., \$2.75; \$13.00 per 500 lbs.; 1000 lbs., \$25.00; \$47.50 per ton. F. o. b. Chicago, 100 lbs., \$2.75; \$13.00 per 500 lbs.; 1000 lbs., \$25.00; \$47.50 per ton.

## FRUITS

Nearly all fruits depend on their ability to obtain nitrogen in available form. They also require phosphoric acid and potash. Bacterial action is also important. This fertilizer furnishes all these elements in proper proportions and in quickly available form.

## VEGETABLES

Nearly all vegetables are heavy feeders on nitrogen but also require phosphoric acid and potash. This fertilizer produces quick growth, rapid development and enormous yields of choicest quality. It is ideal for garden use and superior in results produced.



## Michell's Special RUBBER HOSE

Every florist knows how difficult it is to get hose that will stand all the wear and tear of the greenhouse, and we can't help recommending "Michell's Hose" in the highest terms. It's mighty tough, very flexible, and best of all it's a wearer with a record behind it; can be had in any length up to 500 feet; "Michell's Hose" is more than a good hose—it's the BEST.

(Write for a Free Sample)

1/2 Inch.....12c. per foot  
3/4 Inch.....15c. per foot

We also have other good brands of Hose. Prices and samples cheerfully sent on request.

## HALL'S NICOTINE FUMIGATOR FOR GREENHOUSES

A simple and effective preparation for fumigating greenhouses, for plant-lice and thrips. It is a specially prepared tobacco powder, which has been treated to insure proper burning qualities, and which is saturated with pure Nicotine. A real smudge or punk; easy to use; simply fill the enclosed measuring dipper with the fumigator, press it in gently and place on an inverted, empty tin can. Set the can on the floor and light the cone at the top. It will burn evenly, without flaming, and will be consumed in about five minutes, vaporizing the Nicotine. An ordinary greenhouse, 20 by 100 feet, will require three of the above charges—equally spaced—for strong fumigation, or one (1) measureful for each 7,000 cubic feet of space.

Before fumigating a greenhouse see that all ventilators are tightly closed and that the plants are well watered, so that the air will be moist. Fumigate in the evening, if possible, when little or no wind is blowing, and allow the vapors to remain in the house all night. \$1.00 per 1 lb. tin; 2 1/2 lb. size, \$2.50; \$8.50 per 10 lbs. size.

## Michell's Keystone PLANT TUBS

Plants, large or small, appear always to better advantage when planted in tubs instead of pots. Tubs have welded hoops, except bottom hoop, which is flat (and neat handles, when desired, at extra prices, as mentioned below). Made of white cedar, they are by far the **cheapest, neatest, lightest and best** florist tub put on the market.

No.	Top Inside Diam.	Inside Depth	Each	Dozen	Per 100
1	6	6	\$0.55	\$6.00	\$47.50
2	7	7	.57	6.25	50.50
3	8	8	.62	6.75	53.40
4	9	9	.66	7.20	57.00
5	10	9	.78	8.55	67.50
6	11	10	.96	10.80	87.50
7	12	11	1.16	12.60	100.00
8	13	12	1.48	16.80	127.30
9	14	13	1.70	18.35	
10	15	14	1.85	20.05	
11	16	15	2.10	21.90	
12	17	16	2.46	26.65	
13	18	17	2.94	31.80	
14	19	18	3.55	38.40	

If stamped steel side handles are wanted add 25c. a pair to the price of each Tub in single or dozen lots; 20c. a pair in 100 lots.

### SPECIAL PAIL TUB No. 2

The best low-priced palm Tub on the market; painted green, with electrically welded hoops. Made of best quality Southern cedar, and is a Tub of a kind the florist can afford to buy by the hundred, they are so cheap. There is no comparison between a plant in a tub and a plant in a pot. The former will always command an extra price that will more than offset the cost of the Tubs several times. Diameter inside, 10 3/4 inches at top; diameter inside, 8 3/4 inches at bottom; depth 8 inches. Per dozen, \$7.65; \$61.00 per 100. Be sure and specify Pail Tub when ordering this.



Hatboro, Pa.

We are having splendid success with the use of Hall's Nicotine Fumigator, finding it to do the same work as we formerly did with more expensive nicotine preparations; we like it very much.

H. M. Weiss & Sons

ALL PRICES SUBJECT TO MARKET CHANGES

HENRY F. MICHELL CO., 518-516 MARKET STREET, PHILADELPHIA, PA.



# BOOST YOUR PROFITS

The one big reason why WIZARD has won its tremendous following among professional growers is because it has consistently proven that—

Any grower of flowers, fruits, or vegetables can *always* make MORE MONEY with WIZARD than without it.

WIZARD makes you money by giving you bigger yields of a quality that brings you higher prices; saves you money by cutting down your labor cost.

## WIZARD Sheep Manure

TRADE BRAND MARK

### WIZARD BRAND SHEEP MANURE

**P**ULVERIZED—every weed seed killed—the finest sheep manure (strongest and best of all manures) made easy to handle by an extensive process of drying, sterilizing, screening and grinding. In WIZARD, you get nothing but manure; positively no adulterants of any kind. Bone dry—convenient—the equivalent of a whole wagon load of crude manure in a bag. Not only has a splendid plant food analysis, but, what is more important, supplies **humus**, that wonderful soil conditioner that makes available for plant use the dormant, inactive plant food locked up in the soil. Humus makes and keeps soils healthy. The amount of humus in your soil determines its fertility.

### FOR THE FLORIST

Little need be said to the florist about using WIZARD, because he knows all about the value of manure in the greenhouse. WIZARD gives you pure manure—sterilized, safe and free from weed seed—concentrated and easy to use on the benches for mixing with bench or potting soil and liquid feeding. A half pound to the cubic foot of soil, or one pound to five gallons of water is about the right proportions. Light top dressing with WIZARD SHEEP MANURE is the best feeding

for carnations, "mums," etc. WIZARD SHREDDED or PULVERIZED COW MANURE is the best for roses. Mixed with the soil and used as a mulch, it is slow and cool in action, and builds strong, hardy plants.

WIZARD SHEEP MANURE is the very best kind of plant food to retail for house plants, window boxes and gardens. Far better than any chemical stimulant, easy and convenient to sell because it comes nicely packed in attractive, two color cartons.

### VEGETABLE CROPS

Unequalled for vegetable growing under glass and in the open field. You don't have to follow any special directions or rule because WIZARD is pure concentrated manure—and nothing else. Many successful growers use 1,000 pounds to the acre, scattered broadcast and harrowed in; others drill in 200 to 500 pounds ahead of planting. Coming pulverized, it mixes with the soil readily and gets to work quick. In the past, the market gardener's chief objection to manure was the presence of weed seeds in manure. WIZARD—weed seed killed—overcomes this objection. You can't beat WIZARD for making things grow fast, plentiful and with the least work on your part. Ideal for every kind of vegeta-

tion, including lawns, shrubs, vines and fruit trees.

### USE WIZARD SURE!

A money-maker for every grower! Insures results! Always safe! Easy to use! Not only grow more but builds up your soil; makes it richer year after year. The ideal natural fertilizer for every crop. WIZARD gives you all the advantages of animal manure with none of its many objectionable features. It has made money for thousands of growers for more than fifteen years. Use WIZARD just once and know the convenience and success it will bring, and you will never plant without it again.

**PRICES**—f. o. b. Philadelphia, 2 lbs. 20c; 35c per 5 lbs.; 10 lbs. 60c; 90c per 25 lbs.; 50 lbs. \$1.70; \$3.25 per 100 lbs.; 500 lbs. \$15.00; \$26.50 per 1000 lbs.; ton, \$50.00. f. o. b. Chicago, 100 lbs. \$2.50; \$10.00 per 500 lbs.; 1000 lbs. \$17.00; \$32.00 per ton.



**WIZARD**  
BRAND  
Cow  
Manure

**Shredded**—for mulching and top dressing. Pure Cow Manure from Chicago Stock Yard cattle pens. Dried and sterilized by the WIZARD direct heat process and packed in coarse shredded form. Cow manure is especially valuable in light sandy soil and for roses, ferns, etc., because it is a slow, cool acting manure. Largely used in preparing soil for growing flowers and vegetables in greenhouses and for top dressing benches. Excel-

lent for liquid manuring.

**Pulverized**—is shredded Cow Manure continued through the grinding process to produce a finely ground product. Cow Manure is packed in 100-pound bags only.

**Prices**—f. o. b. Philadelphia, \$3.25 per 100 lbs.; 500 lbs. \$15.00; \$26.50 per 1000 lbs.; ton, \$50.00. f. o. b. Chicago, \$2.50 per 100 lbs.; 500 lbs. \$9.50; \$16.00 per 1000 lbs.; ton, \$30.00.

HENRY F. MICHELL CO., 518-516 Market St., Philadelphia, Penna.